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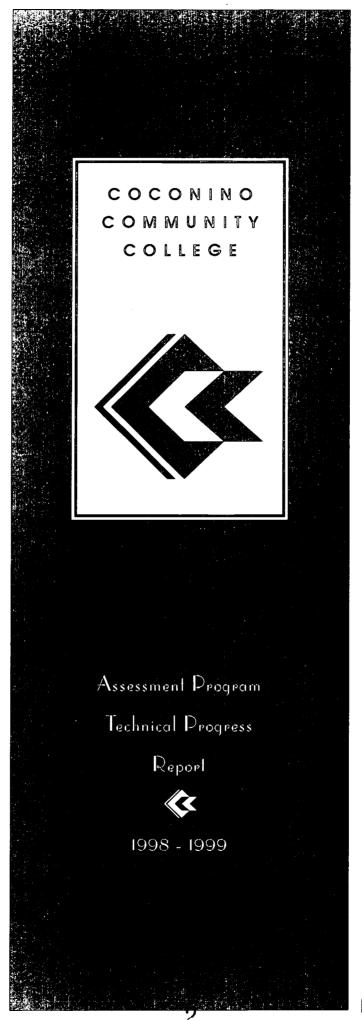
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ABSTRACT

This report records the assessment and institutional research activities at Coconino Community College during the 1998-1999 academic year. These activities are part of an effort to evaluate institutional effectiveness with respect to college mission, programs, and instruction. It focuses on past and present assessment activities and future goals, and provides information on student enrollment, characteristics, and services. Sections are as follows: (1) purpose of the report; (2) executive summary; (3) assessment and institutional effectiveness model, including discussion of college mission, strategic plan, and assessment goals; (4) assessment plan and timelines; and (5) implementation and outcomes, describing the principal committee for institutional effectiveness (PIE) and discussing indicators, pilot projects, general education, and the retention study. Appendices include an IE model, PIE forms, retention study data from fall and spring 1998, and 1998-1999 year-end reports. Contains a glossary of terms, 26 tables, and 3 figures. (RDG)







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Coconino Community College

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1998-1999

Assessment Plan And Institutional Effectiveness

Progress Report

Prepared by Barbara Eickmeyer, Stephen Hill, and Kathryn Kozak Principal Committee for Institutional Effectiveness

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Purpose of the Report



PURPOSE OF REPORT

The process of assessment of institutional effectiveness at Coconino Community College (CCC) has evolved over the past five years from an initial plan for assessment of student academic achievement to an institution-wide commitment to evaluating overall institutional effectiveness at the mission, program, and classroom levels. During the past year, the College has made steady progress towards meeting its most pressing assessment goals while integrating them into its latest strategic plan. As a result, the goals of assessment at CCC are more clear and attainable than before.

It is our goal in this Assessment Plan and 1998-99 Program Progress Report to record the assessment and institutional activities that have taken place during the 1998-99 academic year. The Principal Committee for Institutional Effectiveness (PIE) determined that this method of documentation will serve to help in decision making and planning. For the sake of consistency, we have included portions of the 1997-98 Assessment Program Progress Report. A new addition to the report this year is the assessment plan for 1999- 2000.

Portions of this report have been contributed by individuals or committees whose work contributed indirectly to assessment of institutional effectiveness, such as the environmental scan and the strategic plan.

This report contains details about the following:

- Assessment and Institutional Effectiveness Models
- Assessment Timelines, changes and updates
- Plan for Assessment for 1999-2000
- Assessment Accomplishments during 1998-99
- Assessment Opportunities for Improvement.

This report also includes implementation and outcomes information for the following areas:

- Mission Level Indicators
- Program Level Review
- General Education
- Classroom Level Assessment
- Retention
- Surveys
- Accomplishments of Other CCC Committees.

The report concludes with Improvement Areas and a Report Summary. Appendices include additional material about Assessment Terms, Retention Study, Survey Results, and the CCC 1998-99 Year-End Reports. Please contact the office for Institutional Research for copies of this document or for further information.



Executive Summary



ASSESSMENT CHARGE

Coconino Community College (CCC) is a relatively young institution founded in 1991 in the second largest county in the United States. It gained candidacy for accreditation in 1993 and was accredited by the North Central Association of Colleges and Schools (NCA) in 1995. The College recognizes and has been committed to its responsibility for assessing student academic achievement and demonstrating institutional effectiveness to its beneficiaries and constituents since offering its first courses in 1991. Efforts toward identifying assessment methods and implementing a timeline have been in process since 1994, when the Vice President for Educational Services charged faculty and staff to develop the *CCC Assessment Plan*. In summary of its assessment efforts, CCC has made steady progress towards a well-designed and realistic assessment plan that encompasses overall evaluation of institutional effectiveness, recognizing its importance in meeting the educational needs of today's student.

The Principal Committee for Institutional Effectiveness is dedicated to encouraging assessment activities at the College. To that end, the Assessment Plan and Institutional Effectiveness Progress report is produced each year. In this year's document are descriptions of the next phases of the campus-wide institutional effectiveness model and assessment activities performed in the past and those planned for the 1999-2000 academic year. In addition, implementation and outcomes of assessment activities are discussed along with strategic planning efforts, goals for the Principal Committee for Institutional Effectiveness, and accomplishments of various College committees.

1998-1999 ASSESSMENT ACCOMPLISHMENTS

- The third annual Assessment Program Progress Report was prepared as an archival record for assessment activities at the College.
- The 1998-99 Assessment Program Progress Report was submitted to the Educational Resources Information Center (ERIC) Documents Clearinghouse for Community Colleges.
- As part of Phase I of a campus-wide institutional effectiveness model, purpose statements were written for every department and educational area.
- Retention studies for Spring and Fall 1998 were continued by faculty.
- The Textbook Readability pilot project was completed.
- PIE sponsored two faculty members to attend the NCA annual meeting in April, and five staff personnel to the ACT Institutional Effectiveness Conference in May, 1999.



ASSESSMENT PUBLICATIONS

In 1994, a group of faculty and staff, called the Assessment of Student Academic Achievement (ASAA) project team, prepared the *CCC Assessment Plan*. This document was published and distributed in July 1995 as part of CCC's self-study.

The 1995-1996 Assessment Program Progress Report was prepared in fall 1996, documenting the goals, accomplishments and intentions of CCC's assessment and institutional effectiveness efforts. As a result of the positive experience in creating that report, the co-chairs for PIE determined that publishing an annual progress report of assessment activities at CCC would be beneficial to the College's assessment program.

The 1996-1997 Assessment Program Progress Report was published and distributed in fall 1997 by the committee. The Assessment of General Education Curriculum 1997 was also published and distributed. The Director of Institutional Research made a presentation on assessment activities at CCC to the Governing Board in the spring semester of 1998. The 1997-1998 Assessment Program Progress Report was published and distributed in Fall 1998 by the committee. The reports have been useful tools for documenting college assessment activities.

ERIC DOCUMENT

The College has submitted its assessment documents to the ERIC Clearinghouse for Community Colleges since 1997.

The following documents are available at the ERIC website http://www.gseis.ucla.edu/ERIC/eric.html.

ED 402 984	1995-1996 Assessment Program Progress Report
ED 414 979	1996-1997 Assessment Program Progress Report
ED 414 978	Assessment of General Education Curriculum 1997
ED 429627	1997-1998 Assessment Program Progress Report

PRESENTATIONS

In May 1996, the co-chairs of PIE and the Division Chair for the Occupational/Vocational area made an assessment presentation at the annual conference for the National Institute for Staff and Organizational Development (NISOD) in Austin, Texas. Their presentation *Run with the PIE:*Assessment in 0-60, included information on faculty involvement, leadership and implementation and received recognition by attendees as one of the "most informative presentations on what to expect in starting up an assessment program."



CCC Assessment Model

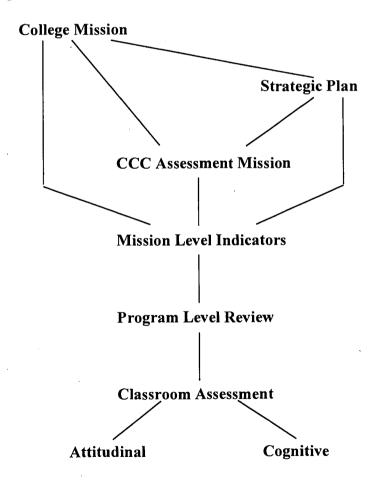


ASSESSMENT AT CCC

CCC believes that institutional effectiveness and assessment of student academic achievement are linked. The foundation for all assessment practices at Coconino Community College is the District Governing Board Assessment Policy:

Coconino Community College will assess student academic achievement and institutional effectiveness to enhance student success and continuously improve instruction, support services, and administrative functions. A variety of data gathered through diverse methods will be used to make resource allocation, administrative, support and educational process and outcome decisions. The process of data collection and analysis will adhere to ethical standards and confidentiality. (CCC Policy #620, adopted September 15, 1995)

The following flow chart illustrates the assessment process at CCC:





Coconino Community College recognizes that assessment starts with the institution's Mission, and must be tied to its Strategic Plan. Assessment occurs at different levels throughout the institution: at the mission level, at the program level, and at the classroom level:

- Mission Assessment activities that measure institutional success in meeting the goals of the College as stated in the Mission Statement (see following page). Examples include evaluation of the Strategic Plan, performance evaluations of administrators and the governing board, and attitudinal surveys of our community constituents.
- **Programs** Assessment of CCC programs addressing, on a division and department level, goals that are comprehensive but clearly defined. As these goals change, the type of assessment tools must also change. Examples include program review, evaluation of degrees and certificates, and evaluation of internal and external services provided to students and staff.
- Courses Assessment in the classroom where instructors clearly state course
 goals and measure the outcome of those goals. In addition, course
 assessment evaluates the effectiveness and relevance of courses by
 continuing to measure student goals, program and degree requirements, and
 student demand for courses.

INSTITUTIONAL EFFECTIVENESS MODEL

During the 1998-99 academic year, PIE developed a model for assessing institutional effectiveness. The model was discussed at the February 18, 1999, PIE meeting. The following model illustrates the institutional effectiveness process at CCC:

The institutional effectiveness model consists of four phases. The first phase is establishing the purpose of the functional unit (department, program area, division, etc.). Next, the unit is to map out its goals and then lay in the tactics to accomplish these goals. In the third phase, the unit is to evaluate its accomplishments of these goals and then in phase four the unit is to document what was learned and how the institution can use this information to improve its services.

Phase one in the above process was accomplished in late spring 1999 (see page 13). The remaining phases have been absorbed into the College's strategic planning process. The unit goals listed above are now referred to as objectives. The goals and objectives will be solidified and tactics to accomplish them mapped out by late fall 1999 for implementation and evaluation during the following strategic planning cycle. This strategic plan will then drive the College's budgeting process.



COLLEGE MISSION

The following philosophy and mission statement for Coconino Community College was adopted by the District Governing Board on April 13, 1995:

Coconino Community College is a multi-campus public institution of higher education serving primarily the residents of Coconino County. College faculty and staff aspire to challenge students academically, encourage pride in self and heritage, and promote an appreciation for other cultures. The College is dedicated to the ideals of life-long learning by addressing the whole person through its commitment to those who seek to improve their skills, enrich their lives, and enhance their futures. The faculty and staff strive to advance the democratic ideals of equal opportunity for success, individual worth, and informed responsible citizenship.

The mission of Coconino Community College is to promote student success through comprehensive learning opportunities for its community.

The College is fiscally accountable for its educational programs and support services. As a degree-granting institution, the College assesses its programs, services, and student academic achievement for the purpose of continuous improvement and to guide strategic planning and decision-making. To accomplish its mission, the College provides access to educational opportunities for a diverse student population. The College promotes cultural, intellectual, physical and social development, technical competence, and serves as a resource for community development. As a member of the Arizona State Community College System, Coconino Community College accepts the mandate to offer the following:

- Transfer Education
- Occupational Education
- General Education
- Continuing Education
- Developmental Education
- Student Services
- Cultural and Community Service

The mandate is incorporated into the College's Strategic Plan.



ASSESSMENT GOALS and MISSION

The PIE Committee researched CCC's Mission Statement and Strategic Plan to determine the goals for assessment at this College. A small task force was formed to recommend specific reasons for assessment at CCC. The task force identified four general areas for assessment:

To improve instruction;

To improve support services;

To improve administrative functions; and

To improve cultural and community service.

The PIE Committee wrote the following statement of purpose reflecting support of the College Mission Statement:

"The assessment process aims to measure and improve the effectiveness of CCC in meeting its mission."

The glossary contains assessment terms defined by CCC.



Purpose Statements

During the 1998-99 academic year PIE began Phase I of its Institutional Effectiveness (IE) model. In an effort to encourage assessment at every level and within each department, PIE asked that all departments of the college write purpose statements about their role at the college. The response was favorable and positive.

The purpose statements that were collected and reviewed by PIE are listed below.

Educational Services Purpose Statements

Administration of Justice Program: The purpose of the Administration of Justice Program is to prepare students to enter either an institution of higher learning with a transfer degree or to enter the Criminal Justice profession, and/or enhance their professional development in that field. This discipline provides students with specific knowledge and skills, which can be used to enter a wide range of law enforcement and corrections vocations or enter a university for further education in this area.

<u>Allied Health Sciences Program</u>: Through collaboration with student/consumers, employers, and regional high schools, the Allied Health Sciences Program seeks to address consumer and employer needs for enrichment, continuing education, and workforce-based skills training in an array of health-focused fields.

<u>Business Program</u>: The purpose of the curriculum in Business and business-related fields is to provide students with opportunities to improve their computational, analytical, and critical thinking skills, and to apply those skills to arrive at sound business decisions.

<u>CIS/OIS Program</u>: The purpose of the CIS/OIS program is to promote computer literacy, to encourage the use of current information technologies, and to provide students with educational opportunities to enhance their employability in the technological workplace.

Emergency Medical Service Program: The purpose of the Emergency Medical Curriculum is to prepare the students for a career in emergency medicine. By completion of the basic or advanced life support classes, the students are prepared for the EMT, IEMT, or paramedic Arizona State certification examinations.

<u>English Program</u>: The purpose of the English curriculum is to provide students with opportunities to improve critical thinking, reading, and writing skills necessary for success in their professional and personal lives. English classes prepare students for continued success across the curriculum, provide them with cultural enrichment, and help produce and maintain a literate culture.

Fine Arts Program: The Fine Arts Program is designed for students planning to transfer to a 4-year college or university as well as community members interested in pursuing their own



creative journey. The Fine Arts Program gives students strong foundation level skills, including composition and the history of art, music, and theater. Students are encouraged to participate in performance and exhibit opportunities that showcase their work for the community.

<u>Fire Science Program</u>: The purpose of the Fire Science Curriculum is to provide students with a basic understanding and introduction of the fire service that includes suppression, prevention, administration, and special operations. Fire science classes help prepare both the volunteer and professional fire fighter for a successful career.

<u>Industrial Technology Construction Program</u>: The purpose of the Industrial Technology Construction area is to facilitate the needs of both degree and certificate seeking students as well as those individuals wanting to upgrade their skills for both personal enrichment and employment needs.

<u>Languages Program</u>: The purpose of the Languages Program is to equip students with the necessary foreign language skills to meet or exceed course outcomes standards through excellent teaching that supports the student's goals.

<u>Liberal Studies Program</u>: The purpose of liberal studies courses is to enrich our students' personal and professional lives. These courses develop cultural awareness and sensitivity, and promote active, informed, and responsible citizenship.

Math Program: The Purpose of the Math Program is to offer developmental mathematics courses designed to improve basic math skills, as well as transfer courses ranging from College Algebra through Differential Equations. In addition, we offer contract-training courses designed to meet the needs of business and industry throughout Coconino County.

<u>Science Program</u>: The purpose of the Science curriculum is to provide students with opportunities to improve critical thinking, to develop analytical skills, to acquire technical reading and writing abilities, and to become proficient in understanding fundamental scientific concepts.

<u>Social and Behavioral Sciences Program</u>: The purpose of Social and Behavioral Sciences Program is to help students gain a broad, yet comprehensive, background in the social and behavioral sciences, paying particular attention to such basic skills as writing, communication, data analysis, and critical thinking.

<u>Institutional Research</u>: The purpose of the Institutional Research office is to support institutional decision making, planning, and effectiveness through the conversion of data into information to effect improvement.

<u>Grants</u>: The purpose of the Grants office is to increase College funding through new and continuing grants and aid resources.



Student Services Purpose Statements

<u>Student Services</u> at Coconino Community College creates, promotes, and enhances a learning-centered environment. With integrity in work and dignity extended to all peoples, Student Services strives for excellence. The purpose of Student Services is to facilitate access to the College and support students' attainment of educational goals through effective use of technology, human and financial resources and community collaboration.

<u>Financial Aid Services</u>: Financial Aid Services is committed to providing consistent and equitable financial aid opportunities in support of student success.

<u>Student Development Program</u>: In collaboration with faculty and community, Student Development supports and educates learners (students), toward the attainment of their educational, personal, and career goals.

<u>Recruitment and Admissions Program</u>: The purpose of the Recruitment and Admissions Program is to facilitate recruitment activities that inform the diverse community of the many quality educational opportunities and provide effective services for admitting students.

<u>Registration and Records</u>: The purpose of the Registration and Records Office is to provide opportunities for registration by informing the community of course offerings and availability and to maintain accurate academic records that support the student's educational goals.

<u>Learning Enhancement Services</u>: Learning Enhancement Services provides access and support services that complement and enhance educational opportunities at Coconino Community College.

<u>Disability Resources</u>: Disability Resources assists qualified students with equal access to CCC instruction and sponsored activities. This assistance, determined by individual need, fosters independence and inclusion.

<u>Information Resources</u>: The Information Resources Center provides CCC students, faculty, and staff access to and support in learning to use relevant and timely academic resources.

<u>Learning Enhancement Center</u>: The Learning Enhancement Center, whose primary goal is to help students learn how to learn, provides academic support in multiple disciplines including but not limited to college study skills, math, communication skills, science, modern languages, and business.



Administrative Support Purpose Statements

Administrative Support: The purpose of Administrative Support is to provide leadership, direction and guidance to the below listed departments in support of the College mission. Administrative Support also oversees the general administrative functions of the District (such as insurance matters and legal issues).

Accounting & Budget: The purpose of Accounting and Budget is to provide operational and fiscal support for all disciplines and departments of the College District. The areas of support include accounts payable, accounts receivable, grants accounting, payroll and plant assets. The Accounting and Budget department is additionally responsible for long term fiscal planning, the District's annual budget implementation and proper accounting of revenues, expenditures, and financial statement presentations.

<u>Auxiliary Services</u>: The purpose of Auxiliary Services is to create and maintain a customeroriented effort. Auxiliary Services' primary goals and objectives are to provide support services which compliment the College mission. Auxiliary Services shall provide duplicating, mailing, bookstore and other ancillary needs of the College.

<u>Facilities Management</u>: The purpose of Facilities Management is to provide physical plant maintenance and operational support for all facilities District-wide. The areas of support include facilities and grounds, custodial services, shipping and receiving, and security issues. Facilities Management ensures that College facilities are operated as efficiently, economically and safely as possible. Facilities Management oversees all new construction and remodeling projects to ensure facilities are in compliance with all city, state, and federal regulations.

<u>Human Resources</u>: The purpose of Human Resources is to establish policies and procedures in an effort to deliver fairness, equity and consistency to all employees with regard to employment, recruitment, affirmative action, compensation, benefits, employee relations, training and development issues. Human Resources also oversees reception duties for the College.

<u>Information Technology</u>: The primary purpose of Information Technology is to provide support for accepted technologies throughout the District in support of CCC's mission. The Information Technology department supports an integrated administrative software package, as well as teaching and learning systems. This technological support is provided at the desktop, hardware, network and application levels.

<u>Purchasing</u>: Purchasing is responsible for all of the District's procurement functions. The primary goal and objective of purchasing is the acquisition of goods and services that meet the needs and support the mission of the College. Purchasing ensures that goods and services shall be acquired within statutory, regulatory and procedural guidelines, acquired in an effective, efficient and timely manner, and at a fair and reasonable cost.

In Phase II of the Institutional Effectiveness process each department writes measurable goals



(referred to as objectives in the strategic planning process) that are tied to the purpose statements. In Phase III, data will be collected to evaluate whether the goals (objectives) are being satisfied. In Phase IV each department will use the information gained to review and revise their purpose statements.



Assessment Plan & Timelines



Assessment Plan and Timeline for Activities at CCC

In the past, this portion of the *Progress Report* has been dedicated solely to the reporting of past assessment activities at the college, providing a mapping of "where we've been." The co-chairs for PIE have recognized the need to centralize the college's assessment plan on the same chart (rather than in narrative form throughout the report) so as to provide an easy access map of "where we're going" with respect to assessment of our institutional effectiveness.

We recognize that assessment is an evolving process that requires a collective willingness to change and adjust as needed, and that each year can bring about a change in direction for any assessment plan. It is our hope that these charts will serve as a method for keeping assessment activities on course and recording efforts on a yearly basis, in order to provide constituents with a capstone of how assessment has been done at this college. At the same time, they will serve as a prelude of assessment activities that are planned for the future.

Each chart contains:

- a record of assessment activities that have been completed
- a short description of the activity
- the projected timetable for assessment as well as the most current plan for specific activities.

Categories are divided as follows:

Mission Measures

Enrollment Data

Retention Data

General Education Curriculum Review
General Education Outcomes

Freshmen & Completer Surveys

Classroom Assessment Activities

Placement Exams
Faculty Evaluations
Staff Evaluations
Program Review
Evaluation /Revision of Strategic Plan
Evaluation of Assessment Plan
Assessment Progress Report

Please note that some activities are ongoing and do not require further explanation.



ASSESSMENT TIMELINE – MISSION MEASURES

Activity	1995 - 1996	1996- 1997	1997- 1998	1998- 1999	1999- 2000	2000-	2001-	2002- 2003	Responsible Party	Report of Information
Fall	>	>	>	>	×	×	×	×	Director for	VP for
Spring	>	>	>	>	X	X	Х	X	Institutional	Educational
Summer	>	>	>	>	X	X	X	Х	Research	Services
Description	These inc on a cons is current	clude trans sistent basi tly expand	These include transfer data, de on a consistent basis. However is currently expanding its data	emograph rr, PIE has ı collectioı	ics, popula published n efforts ar	tion, etc. a collectic nd the avai	mographics, population, etc. Data systems h.; PIE has published a collection of available collection efforts and the availability of data.	ns have re 1ble data i data.	stricted reporting on each progress rep	Description These include transfer data, demographics, population, etc. Data systems have restricted reporting of mission measures on a consistent basis. However, PIE has published a collection of available data in each progress report. The institution is currently expanding its data collection efforts and the availability of data.
Plan	The Coll retention	lege will b	The College will begin publishing a retention, demographics, transfer, etc.	ishing a fa sfer, etc.	act book ii	n Fall 199	9 that will	map out	the trends and pat	The College will begin publishing a fact book in Fall 1999 that will map out the trends and patterns of enrollment, retention, demographics, transfer, etc.



ASSESSMENT TIMELINE - ENROLLMENT DATA

v = completed
X = to be completed

Activity	1995 - 1996	1996- 1997	1997- 1998	1998- 1999	1999- 2000	2000- 2001	2001- 2002	2002-	Responsible Party	Report of Information
Fall	>	>	>	>	>	×	X	X	Director for	VP for Educational
Spring	>	>	>	>	X	×	×	×	Research	Services
Summer	>	>	>	>	X	X	X	X		
Description	The Offi and decis College	The Office for Institut and decision making. College's inception.	itutional Fig. The R	Research we segistrar's	vill be trac Office has	king enrol tracked st	ment tren udent den	ids at CCC nographics	The Office for Institutional Research will be tracking enrollment trends at CCC for Strategic Enrollment Manager and decision making. The Registrar's Office has tracked student demographics and enrollment statistics from the College's inception.	The Office for Institutional Research will be tracking enrollment trends at CCC for Strategic Enrollment Management, and decision making. The Registrar's Office has tracked student demographics and enrollment statistics from the College's inception.
Plan	Data wil	l be report	ed annual	Data will be reported annually in a report to the President	ort to the I	resident				

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ASSESSMENT TIMELINE - RETENTION DATA

v = completed
X = to be completed

Activity	1995 - 1996	1996- 1997	1997- 1998	1998- 1999	1999-	2000- 2001	2001- 2002	2002- 2003	Responsible Party	Report of Information
	×	×	>	>	×	X	×	X	Division	VP for Educational
pring	×	>	>	>	Х	Х	X	X	Chairs	Services
ummer	×	×	×	X	X	Х	Х	X		

Description	Description Personnel and data systems constraints have affected the consistent collection of retention data. While much of the information is available for research, it has only been in recent semesters that the college has reported retention in a systematic fashion. A pilot project proposed and carried out by a full-time faculty member was determined an effective method for tracking retention at CCC. A five-semester compilation and the most current results of the retention study can be found in Appendix C.
Plan	Continue to collect data and publish reports. Raise faculty and staff awareness as to use of the reports. Develop methods that may streamline the process. During the fall 1999 semester, faculty will work with the Director for Research to develop a method for making this study a part of ongoing assessment activities at the college.

ASSESSMENT TIMELINE - GENERAL EDUCATION CURRICULUM REVIEW

Activity	1995 - 1996	1996- 1997	1997- 1998	1998- 1999	1999- 2000	2000- 2001	2001- 2002	2002- 2003	Responsible Party	Report of Information
Fall Spring Summer	3	>	>	X	X	×	X	X	Faculty	Curriculum Committee and VP for Educational Services
Description As part of the Assessment of curriculum were evaluated an statements. Two off-campus updating course outlines. Bot important component of curribasis.	As part curricult statemer updating importa basis.	of the Asse um were ents. Two of g course ou	essment of valuated a off-campurutines. Bc	General I nd, if nece s work ses oth work se	Education, essary, upc sions were essions were vision and	1997 proj lated to ref e sponsore ere lauded l it was rec	ect, the co lect the cu i by PIE v yy faculty ommende	urse outli irriculum where facu as a great d that the	nes for the gener committee's star ilty worked solel opportunity to f	As part of the <i>Assessment of General Education</i> , 1997 project, the course outlines for the general education core curriculum were evaluated and, if necessary, updated to reflect the curriculum committee's standards for outcome statements. Two off-campus work sessions were sponsored by PIE where faculty worked solely on reviewing and updating course outlines. Both work sessions were lauded by faculty as a great opportunity to focus on an extremely important component of curriculum revision and it was recommended that these be held on an annual (or semi-annual) basis.
Plan	PIE wil	PIE will continue the reviev needed. A minimum of one	the revie	w process work sess	by involvion by the bill by	ving facult e held duri	y in futur ng the 199	e work s	v process by involving faculty in future work sessions and provwork session will be held during the 1999-2000 academic year.	PIE will continue the review process by involving faculty in future work sessions and providing clerical support as needed. A minimum of one work session will be held during the 1999-2000 academic year.

ASSESSMENT TIMELINE - GENERAL EDUCATION OUTCOMES

> ×

Activity	1995 - 1996	1996- 1997	1997- 1998	1998- 1999	1999- 2000	2000-	2001-	2002- 2003	Responsible Party	Report of Information
Fall	>	>	>	>	>	×	×	X	PIE &	VP for Educational
Spring	>	>	>	>	X	Х	Х	X	Faculty	Services and Faculty
Summer	>	>	>	>	X	X	X	×		
Description	A conce was pub study. F faculty s have agr	A concerted effort to assess stuwas published in the <i>Assessme</i> study. Faculty have considere faculty surveys. Changes and have agreed that it is of utmost	to assess the Assessme Assessme Assessme reconsideral hanges an is of utmo	student outcom nent of Genera red different m id lack of perso	utcomes in eneral Edu ent methoc personnel ance.	CCC's ge cation Cu ls for evalt have limite	neral educ riculum, iating stuc	ation core 1997 repor lent outcor gress of th	curriculum bega rt, which include mes, including st is monumental t	Description A concerted effort to assess student outcomes in CCC's general education core curriculum began in 1996. The study was published in the <i>Assessment of General Education Curriculum</i> , 1997 report, which included suggestions for further study. Faculty have considered different methods for evaluating student outcomes, including standardized tests and faculty surveys. Changes and lack of personnel have limited the progress of this monumental task, although faculty have agreed that it is of utmost importance.
Plan	During t using co	During the fall 1999 semester, using course outlines as measu	99 semeste 1es as mea	er, full tim surement	ne and assc tools. Res	sults will b	lty will pa e reported	rticipate ii	During the fall 1999 semester, full time and associate faculty will participate in a project for assesusing course outlines as measurement tools. Results will be reported in the Spring 2000 semester	full time and associate faculty will participate in a project for assessing student outcomes rement tools. Results will be reported in the Spring 2000 semester.



ASSESSMENT TIMELINE - FRESHMEN & COMPLETER SURVEYS

Activity	1995 - 1996	1996- 1997	1997- 1998	1998- 1999	1999- 2000	2000-	2001- 2002	2002- 2003	Responsible Party	Report of Information
Fall		>							PIE and	VP for
Spring Summer			>						Faculty	Educational Services
Description	The Colle as a pilot measurin was desig the surve recomme	ege particij for attitud g the opini gned). The y was inter nded that t	The College participated in both the Freshmen Survey and the Completer sas a pilot for attitudinal data from our students. It was determined that the measuring the opinions of our new students because CCC's students are no was designed). The completer survey received numerous complaints from the survey was intended more for graduates of a four-year university rather recommended that the College pursue the task in a more localized fashion.	oth the Free om our stunew stude r survey re for gradua	shmen Suradents. It vents becaus ceived nurates of a for the cease task in a	vey and the was determ e CCC's st nerous con ur-year uni more local	Complete ined that the udents are uplaints fro versity rathic	r Survey (he Freshm not "tradii m our grae ner than a e	The College participated in both the Freshmen Survey and the Completer Survey (UCLA Higher Education Research) as a pilot for attitudinal data from our students. It was determined that the Freshmen survey was not the best tool for measuring the opinions of our new students because CCC's students are not "traditional" freshmen (for which the tool was designed). The completer survey received numerous complaints from our graduating students who reported that the survey was intended more for graduates of a four-year university rather than a community college. PIE recommended that the College pursue the task in a more localized fashion.	Description The College participated in both the Freshmen Survey and the Completer Survey (UCLA Higher Education Research) as a pilot for attitudinal data from our students. It was determined that the Freshmen survey was not the best tool for measuring the opinions of our new students because CCC's students are not "traditional" freshmen (for which the tool was designed). The completer survey received numerous complaints from our graduating students who reported that the survey was intended more for graduates of a four-year university rather than a community college. PIE recommended that the College pursue the task in a more localized fashion.
Plan	Continue	to search	for a metho	od of asses	sing stude	nt's attitud	es as well a	1s academi	Continue to search for a method of assessing student's attitudes as well as academic achievement.	

¹ The College withdrew from this study due to student dissatisfaction with the instrument and for financial reasons.



ASSESSMENT TIMELINE - CLASSROOM ASSESSMENT ACTIVITIES

v = completed
X = to be completed

Activity	1995 - 1996	1996- 1997	1997- 1998	1998- 1999	1999- 2000	2000-	2001-	2002-	Responsible Party	Report of Information
Fall	>	>	>	>	×	X	×	×	Faculty	Faculty
Spring	>	>	>	>	×	Х	X	X		
Summer	>	>	>	>	×	Х	X	X		
Description	In 1995, I available Faculty a	In 1995, PIE sponsored training workshops for faculty, purchased lavailable to the faculty, published "Tools, Techniques & Strategies Faculty are encouraged regularly to practice classroom assessment.	red training ty, publish ged regularl	; workshop ed <i>"Tools</i> , y to practi	os for facult Technique ce classroo	y, purchase s & Strateg m assessme	ed literature ies for Ass ent.	essing Stuc	In 1995, PIE sponsored training workshops for faculty, purchased literature for use in classroom assessment and ma available to the faculty, published "Tools, Techniques & Strategies for Assessing Student Success in the Classroom. Faculty are encouraged regularly to practice classroom assessment.	Description In 1995, PIE sponsored training workshops for faculty, purchased literature for use in classroom assessment and made it available to the faculty, published "Tools, Techniques & Strategies for Assessing Student Success in the Classroom." Faculty are encouraged regularly to practice classroom assessment.
Plan	Continue distribute during the	Continue to raise faculty awareness distribute the second edition of " Tc during the 1999-2000 academic year.	culty awar d edition o 0 academic	eness for if "Tools, year.	assessment <i>Technique</i>	: activities s & <i>Strate</i>	and consta gies for As	int feedbac ssessing St	k in the classroc udent Success in	Continue to raise faculty awareness for assessment activities and constant feedback in the classroom. Publish and distribute the second edition of "Tools, Techniques & Strategies for Assessing Student Success in the Classroom" during the 1999-2000 academic year.



ASSESSMENT TIMELINE - PLACEMENT EXAMS

Activity	1995 - 1996	1996- 1997	1997- 1998	1998- 1999	1999- 2000	2000-	2001- 2002	2002- 2003	Responsible Party	Report of Information
Fall	>	>	>	>	>	×	×	×	Placement	VP for Educational
Spring	>	>	>	>	×	×	×	X	Coordinator	Services
Summer	>	>	>	>	x	×	×	×		
Description		While CCC does not identify J considerable number of studer courses, or occupational requiadvising purposes and recomn successfully complete the cou	tot identify ber of stude tional requand recom and recom lete the cor	/ placemer ents into v irements imending J urse as a r	nt exams a arious cou for certific placement esult of an	s a reliable rses at the ation. At tl of students accurate p	assessme college th us time, the into class lacement;	nt tool, that at are eith ne college ses. It is a however,	While CCC does not identify placement exams as a reliable assessment tool, they are utilized for initial placement of considerable number of students into various courses at the college that are either pre-requisites for general education courses, or occupational requirements for certification. At this time, the college uses the results of placement tests for advising purposes and recommending placement of students into classes. It is assumed that consequently, most studer successfully complete the course as a result of an accurate placement; however, this has yet to be assessed at CCC.	While CCC does not identify placement exams as a reliable assessment tool, they are utilized for initial placement of a considerable number of students into various courses at the college that are either pre-requisites for general education courses, or occupational requirements for certification. At this time, the college uses the results of placement tests for advising purposes and recommending placement of students into classes. It is assumed that consequently, most students successfully complete the course as a result of an accurate placement; however, this has yet to be assessed at CCC.
Plan	Should 1 achieven	Should the college decide to use placement exam scores as one of severa achievement, placement data is being stored by the coordinator for future use.	e decide t	o use pla is being s	cement ex	am scores	as one o	f several ture use.	means for evaluat	use placement exam scores as one of several means for evaluating student academic being stored by the coordinator for future use.





ASSESSMENT TIMELINE – FACULTY EVALUATIONS

= completed	X = to be completed

Activity	1995 - 1996	1996- 1997	1997- 1998	1998- 1999	1999-	2000-	2001- 2002	2002-	2002- Responsible 2003 Party	Report of Information
Fall	>	>	>	>	>	×	×	×	VP for Educational	VP for Educational
Spring	>	>	>	>	X	X	X	X	Services	Services and Faculty
Summer	>	>	>	>	×	×	X	X		
Description During the 1998-99 academic y consultant was brought in to procommittee was formed to circu evaluation.	During the consultant committee evaluation.	the 1998-9 ant was br tee was fo on.	99 acaden ought in t rmed to c	nic year, t o provide irculate pi	he faculty direction roposals a	evaluatio and recon ınd collect	n system nmendatic feedback	was re-evons for im	During the 1998-99 academic year, the faculty evaluation system was re-evaluated for effectiveness and fairness. A consultant was brought in to provide direction and recommendations for improvement of the current system. A small committee was formed to circulate proposals and collect feedback from faculty regarding full-time and associate facu evaluation.	During the 1998-99 academic year, the faculty evaluation system was re-evaluated for effectiveness and fairness. A consultant was brought in to provide direction and recommendations for improvement of the current system. A small committee was formed to circulate proposals and collect feedback from faculty regarding full-time and associate faculty evaluation.
Plan	Continu	ie to collea	ct feedbac	k from fa	culty and	have new	system in	place by	Continue to collect feedback from faculty and have new system in place by end of fall semester, 1999.	.666



ASSESSMENT TIMELINE - STAFF EVALUATIONS

ASSESSMENT TIMELINE – STAFF EVALUATIONS	TIMELINE -	- STAFF EV.	ALUATIONS						= completed X = to be completed	d 1pleted
Activity .	1995 - 1996	1996- 1997	1997- 1998	1998- 1999	1999- 2000	2000- 2001	2001- 2002	2002- 2003	Responsible Party	Report of Information
Fall									Human	President
Spring	>	>	>	>	X	X	X	x	Resources	
Summer	. 4									
Description College policy and procedure 1	College p	olicy and pr	rocedure rec	quires the c	ongoing rev	iew and ev	aluation of	staff (Polic	requires the ongoing review and evaluation of staff (Policy number 443.5)	·
Plan	Develop a	ı reporting r	nethod for 1	use in deter	rmining ho	w evaluatio	ns contribu	te to impro	Develop a reporting method for use in determining how evaluations contribute to improving institutional effectiveness.	effectiveness.

ASSESSMENT TIMELINE - PROGRAM REVIEW

Activity	1995 - 1996	1996- 1997	1997- 1998	1998- 1999	1999- 2000	2000-	2001-	2002- 2003	Responsible Party	Report of Information
Fall Spring	>	>		>	X		×		Faculty & Staff	Curriculum Committee and VP for Educational
Summer										
Description	In 1996 such as skills" (reviewed of the procedure)	In 1996 the college defined a prosuch as a certificate, degree, lice skills" (CCC Program Review). reviewed every three years. How of the process. In the fall of 199 occupational areas to complete a	e defined and degree, ram Revie ee years. the fall of to comple	a program license, tr w). Und However, 1998, the	rogram as "an organized sequence or grouping of co ense, transfer to another institution, job, career, or a Under the current Program Review document, eawwever, lack of data and environmental feedback has 98, the Director for Research was asked to collabora as much of the program review process as possible.	ganized se unother ins ent Progra ita and env or Researd rogram rev	quence or stitution, ji im Review zironment zh was ask ziew proce	grouping ob, career, documer al feedbac ed to coll sss as poss	In 1996 the college defined a program as "an organized sequence or grouping of courses leading to a defined such as a certificate, degree, license, transfer to another institution, job, career, or acquisition of selected kno skills" (CCC Program Review). Under the current Program Review document, each program area is suppos reviewed every three years. However, lack of data and environmental feedback has impinged on the timely of the process. In the fall of 1998, the Director for Research was asked to collaborate with the academic and occupational areas to complete as much of the program review process as possible.	Description In 1996 the college defined a program as "an organized sequence or grouping of courses leading to a defined objective such as a certificate, degree, license, transfer to another institution, job, career, or acquisition of selected knowledge or skills" (CCC Program Review). Under the current Program Review document, each program area is supposed to be reviewed every three years. However, lack of data and environmental feedback has impinged on the timely completion of the process. In the fall of 1998, the Director for Research was asked to collaborate with the academic and occupational areas to complete as much of the program review process as possible.
Plan	Comple	Complete program review of al	review of		academic and occupational programs by 2000.	ccupation	al program	1s by 2000		



ASSESSMENT TIMELINE – EVALUATION /REVISION OF STRATEGIC PLAN

 $\checkmark = completed$

									manadimon and on the	ompietes
Activity	1995 -	1996-	1997-	1998-	1999-	-0007	2001-	2002-	Responsible	Report of
	1996	1997	1998	1999	2000	2001	2002	2003	Party	Information
Fall	>				>	X	X	×	Director for	President and
Spring	>	>	X	>					Research	VP for
Summer		_								Educational Services
Description During the 1998-99 academic and consider possible changes strategic plan should be update Research and two full-time fac collect information and suggest	During the and consistrategic Research collect in	During the 1998-99 academic and consider possible changes. strategic plan should be update Research and two full-time faccollect information and sugges	During the 1998-99 academic year, the college embarked on a campus-wide effort to revand consider possible changes. As a result of retreats and work sessions, the administrat strategic plan should be updated to reflect the current and future direction of the College Research and two full-time faculty (authors of the CCC 1996 Self-Study) collaborated in collect information and suggestions regarding strategic goals and tactics for completion.	rear, the co As a resul I to reflect ulty (author ions regard	llege embar t of retreats the current s of the CC ling strateg	rked on a cand work and future 2C 1996 Seic goals and	ampus-wid sessions, the direction of lf-Study) c	e effort to le administ of the Colle ollaboratec	During the 1998-99 academic year, the college embarked on a campus-wide effort to review its current strategic plan and consider possible changes. As a result of retreats and work sessions, the administration determined that the strategic plan should be updated to reflect the current and future direction of the College. The Director for Institutional Research and two full-time faculty (authors of the CCC 1996 Self-Study) collaborated in spearheading the effort to collect information and suggestions regarding strategic goals and tactics for completion.	strategic plan I that the for Institutional the effort to

The newest version of the CCC Strategic Plan will be published and distributed by January 2000.

Plan

ASSESSMENT TIMELINE - EVALUATION OF ASSESSMENT PLAN

Activity	1995 - 1996	1996- 1997	1997- 1998	1998- 1999	1999- 2000	2000- 2001	2001-	2002- 2003	2002- Responsible 2003 Party	Report of Information
Fall									PIE Co-	President and VP for
Spring	>	>	>	>	X	X	×	X	chairs	Educational Services
Summer										
Description	Each yee see that i	Each year the Principal Committee for Institutional Effectiveness see that it is adequate to the task of the assessment charge at CCC.	cipal Comate to the t	mittee for ask of the	Institution	nal Effectiv t charge a	veness sho	uld perfor	m an evaluation	Description Each year the Principal Committee for Institutional Effectiveness should perform an evaluation of its assessment plan to see that it is adequate to the task of the assessment charge at CCC.
Plan	Continue	e to assess	completio	n and effe	ctiveness	of assessm	nent activil	ies on an	Continue to assess completion and effectiveness of assessment activities on an annual basis.	



ASSESSMENT TIMELINE – ASSESSMENT PROGRESS REPORT

Activity	1995 - 1996	1996- 1997	1997- 1998	1998- 1999	1999- 2000	2000-	2001-	2002- 2003	Responsible Party	Report of Information
Fall									PIE Co-chairs	President and VP for
Spring	>	>	>	X	X	×	X	X		Educational Services
Summer										
Description		The Assessment Plan progress college in Fall of 1995. The tea experience in collecting the dat PIE determined that an annual	an progres 995. The t cting the d it an annua	ss report w eam reque lata and cr l progress	vas a docur ssted a proj eating a w report of	ment that v gress repoi arehouse fi assessmen	vas first re t to be ser or assessir t activities	quired by it in the fo ient inform	an NCA evaluatic llowing year. As nation at the same useful for docum	The Assessment Plan progress report was a document that was first required by an NCA evaluation team that visited the college in Fall of 1995. The team requested a progress report to be sent in the following year. As a result of the positive experience in collecting the data and creating a warehouse for assessment information at the same time, the co-chairs of PIE determined that an annual progress report of assessment activities would be useful for documentation purposes.
Plan	Continue to improvement.	e to publi ment.	sh the as:	sessment	plan and	progress	report on	an annuk	ıl basis, making	Continue to publish the assessment plan and progress report on an annual basis, making recommendations for improvement.



Implementation and Outcomes



PRINCIPAL COMMITTEE FOR INSTITUTIONAL EFFECTIVENESS

The Principal Committee for Institutional Effectiveness (PIE) provides oversight of assessment at CCC. It maintains a vital role in the design and implementation of CCC's efforts to assess institutional effectiveness and student academic achievement and communicates with faculty and staff regarding the progress and results of assessment activities. The overall focus of assessment is to provide recommendations for improvement of the institution in every area.

The PIE Committee fosters a collaborative relationship between staff and faculty regarding assessment. Faculty members of the PIE Committee are vital in contributing ideas and direction for assessment activities, while staff representatives from various areas offer perspective and advice. Committee membership includes representatives from all areas of the College, and in 1998-99 was comprised of:

- Three full-time faculty representing the two divisions (Arts and Science and Occupational, Professional & Technology). One of these full-time faculty served in the capacity of Co-Chair.
- The Director for Institutional Research (Co-Chair).
- A representative from Student Services.
- A representative from Financial Aid Services.
- A representative from the Learning Enhancement Center.
- A representative from Administrative Support.
- A representative from Informational Technology Department.
- A full-time faculty representative from the CCC Page Educational Center (participating via conference phone calls).
- An associate faculty representative.
- A student worker, employed by PIE as a secretary, who contributed perspective.
- The Vice President for Educational Services (ex-officio).
- The Vice President for Administrative Support (ex-officio).

During the 1998-99 academic year, PIE was co-chaired by the Director of Institutional Research and a full-time faculty member. The committee met approximately twice a month.

More changes in membership affected the committee at the beginning of the fall 1998 semester, creating yet another gap in the process of overseeing assessment activities at the college. However, one important discovery was made regarding the size and overall purpose of the committee. It seems that the perception of personnel at the college is that assessment and evaluation of institutional effectiveness is "the job" of PIE, and there were no "grass roots" assessment projects initiated during this academic year.



CHRONOLOGY FOR 1998-1999 ACADEMIC YEAR

- 29 Sept 1998 First PIE meeting of the 98-99 academic year. Kate Kozak, full-time math instructor accepted the nomination for co-chair of the committee. Members discussed the current status of the committee and goals for the year, stressing faculty involvement and increased membership.
- 22 Oct 1998 PIE meeting. Members discussed survey procedures and the importance of continuing forward with goals that were established previously by the committee to obtain purpose statements from department areas.
 - Nov 1998 PIE meeting canceled.
- 10 Dec 1998 PIE meeting. The co-chairs reported to the committee that they had met with the Vice President for Educational Services and the Vice President for Administrative Services and had presented the IE model developed by PIE. The model was accepted and the co-chairs suggested the implementation get under way in January. Members also discussed goal teams for the Strategic Plan and PIE's relationship to institutional effectiveness needs throughout the college district. A Travel Funds Request form and a brochure for advertising availability of pilot project funds were discussed.
 - Jan 1999 Publication was completed on the Assessment Program Technical Progress Report, 1997-1998. Copies were distributed to college leadership personnel, faculty and department supervisors.
- 22 Jan 1999 PIE meeting. Discussion included review of pilot project funding, status and completion, travel funding for various assessment conferences and purpose statements.
- 4 Feb 1999 PIE meeting. The committee discussed the status of assessment of General Education, the IE model, and the Strategic Planning process. A suggestion was made that PIE continue to sponsor off-campus retreats for the purpose of completing assessment activities (such as general education).
- 10 Feb 1999 Dr. Steven Spangehl, representing North Central Association (NCA) visited the college to give direction regarding strategic planning and measuring institutional effectiveness.
- 18 Feb 1999 PIE meeting. The Institutional Effectiveness (IE) model and pilot project status were the primary items on the agenda.



- 4 Mar 1999 PIE meeting. The committee reviewed all departmental purpose statements received to date. Intent to survey applications were discussed.
- 18 Mar 1999 PIE meeting. The committee agreed to work on a Human Subjects Research Policy. Plans were discussed for a second publication of the *Tools, Techniques, & Strategies for Assessing Student Success in the Classroom* in the fall of 1999.

Opportunities for Improvement

It is possible that such a large committee is actually ineffective and that smaller, more specific committees should be formed to keep assessment and evaluation of institutional effectiveness at its best. The Principal Committee for Institutional Effectiveness should remain as the body that keeps the momentum of assessment at the college moving forward.

Unfortunately, due to leadership changes at the College, assessment has not been top priority. The PIE Committee recognizes that the College needs to increase its commitment to assessment of student academic achievement, which should be the responsibility of the faculty and office of instruction. Faculty have been consistently involved in assessment projects, such as retention, general education and textbook readability since PIE was established. These efforts should continue to focus on student academic achievement.

Evaluation of institutional effectiveness should be the responsibility of Office for Institutional Research, in collaboration all departments of the college. These should focus on the overall effectiveness of the college in achieving its mission and strategic plan objectives.

1999-2000 GOALS

- Implement Phases II and III of the campus-wide Institutional Effectiveness model, with goals (objectives) written for each unit. These should be tied to the unit purpose statements and the Strategic Plan.
- Provide guidance to the General Education Assessment Pilot Project.
- Investigate other activities to assess General Education.
- Encourage assessment projects in other educational areas.



PROCEDURES AND FORMS

The District Governing Board adopted the following Assessment Policy Statement (620) on September 15, 1995:

Coconino Community College will assess student academic achievement and institutional effectiveness to enhance student success and continuously improve instruction, support services, and administrative functions. A variety of data gathered through diverse methods will be used to make resource allocations, administrative, support and educational process and outcome decisions. The process of data collection and analysis will adhere to ethical standards and confidentiality.

The committee has incorporated other procedures into the assessment practices at CCC. These include pilot project proposals and results, intent to survey and travel allocation (as related to PIE).

Corresponding forms for the following procedures are available in Appendix B.

Pilot Project Proposals

The committee encourages all staff and faculty to submit pilot project proposals for activities in assessment or evaluation of institutional effectiveness. It is possible that a pilot project will become a standard assessment activity at CCC upon completion of the experimental period. PIE has funding available for pilot projects, upon approval by the committee.

Pilot Project Results

Upon completion of pilot projects, the committee requires a report of the results in order to help the committee in decision making regarding the project.

Human Subjects

The college is in the process of developing a Human Subjects policy. Until it has officially established the College's parameters on human subjects, the College will abide by the statement regarding ethical standards and confidentiality in its Assessment Policy Statement (620).

Intent to Survey

On February 5, 1997, the College Leadership Team (CLT) approved the *Survey Procedure* (620.1) in an effort to continue to monitor institutional effectiveness more efficiently. The goal is for all surveys done at CCC to be quality instruments and for the results to be institutionally



beneficial. The survey procedures are designed to monitor institutional effectiveness at the mission and program levels; they do NOT include classroom assessment.

Any College department, subsidiary or associated party who wishes to conduct a survey on behalf of CCC must first complete and submit its intent to the PIE committee for review and coordination. This "intent to survey" should identify:

- 1. Purpose of the survey (i.e. information to be gained)
- 2. Timeline of the survey (i.e. when the survey will be conducted)
- 3. The population and sample to be surveyed
- 4. Methodology of processing, analyzing, and reporting responses (including expected date of completion)
- 5. Audience to receive the reported results
- 6. Method for feedback and improvement (i.e. how recommendations will be implemented)
- 7. A sample of the survey.

The Director for Institutional Research and/or PIE will review the "intent to survey" and provide feedback to the initiator. As part of the review process, PIE will advise departments of other related surveys and available information, will help coordinated inquiry efforts, and will be a resource for developing useful survey instruments.

Travel

Funding is available in PIE for assessment related travel. Any CCC employee interested in requesting travel monies from PIE must fill out a travel support form that highlights the trip's contribution to assessment and institutional effectiveness at the College.



MISSION LEVEL ASSESSMENT

This report contains two primary indicators of the college's effectiveness at the mission level. The first is the reporting of data that includes mission level assessment questions of interest, and indicators or measures. The second is the report of the environmental scan performed by CCC during the 1998-99 academic year.

Indicators and Measures

The purpose of assessment at Coconino Community College is to enhance student development opportunities (*CCC Assessment Plan*) by improving teaching and learning and the delivery of services to students. Mission Level assessment addresses the following questions:

Mission measures

Who are our students?
Why are they attending?
Are they achieving their educational goals?
Are they successful (after they leave)?

And: Is the mission of the college being met?

Is the institution effective?

How is the information related to the mission measures above being used to improve assessment of student academic achievement and overall institutional effectiveness?

Coconino Community College has identified the mission level indicators of institutional effectiveness related to access, student profile, student achievement and advancement, transfer education, general education, occupational education, continuing education, developmental education, student services, and community services. Each area described includes the mission area, the assessment question(s) of interest, and indicators or measures. Data collected to date represents initial benchmarks for future comparison and analysis (including review for trends).

Access:

Question:

Are the students attending the institution from the primary service area?

Indicators:

Percent residents of service area Percent residents of rest of state Percent residents of rest of nation Percent international students

Description:

Coconino Community College's primary service area is Coconino County. Since this is a rural area, there is concern about whether CCC students are residents from the County, the rest of the state of Arizona, elsewhere in the United States, or attending as



international students. CCC offers classes in Flagstaff, Page, Grand Canyon, Williams, and at Northern Arizona University (NAU). In this and other data analysis, the NAU/CCC students are excluded since they represent a special group of students who are indirectly accessing the College.

Data Collected: Residency of CCC Students (excluding NAU/CCC students):

	Fall 19	97	Fall 1998	
Coconino County	2,929	82%	2482	85%
Other Arizona	412	11%	207	7%
Other USA	238	7%	216	7%
Foreign	0	0%	0	0%

Access:

Question:

Are residents from the various communities within the primary service area participating in the institution?

Indicators:

Comparison of County population distribution versus students' cities of residence *Description*:

Coconino Community College's primary service area is Coconino County. Since this is a rural area and the main location of CCC classes is Flagstaff (largest city in the County), there is concern about whether CCC students are residents of communities throughout the County.

Data Collected: Residency of Coconino County CCC Students (excluding NAU/CCC students):

	Coconino 1990 C Popula	ensus	Coconino Community College Fall 1998 Enrollment		
Flagstaff	45,857	47%	2300	79%	
Page	6,598	7%	270	9%	
Williams	2,532	3%	58	2%	
Grand Canyon	1,499	2%	27	1%	
Tuba City	7,323	8%	27	1%	
Kaibeto	641	1%	10	<1%	
Sedona	2,384	2%	0	0%	
Other Coconino County	29,757	31%	56	2%	

1990 Census figures from Arizona Department of Economic Security.



Access:

Question:

Do the students attending the institution reflect the diversity of the service area? *Indicators*:

Compare County demographics versus Student Profile (gender, ethnicity, age). *Description*:

Coconino Community College's primary service area is Coconino County. There is concern about whether CCC students reflect the diversity of the County residents and not just particular subsets of the population. It is expected that CCC students may reflect the demographics of Flagstaff more that of the entire County since the main location of CCC classes is Flagstaff and the County is predominantly rural.

Data Collected:

Access / Demographics Comparison:

	Coconine	o County	Flagstaff City 1990 Census population 45,857		Coconino Communi College Fall 1998 Enrollmer	
	1990 Censu 96,	s population 591				
	Population	% Total	Population	% Total	Population	% Total
Gender						
Female	48,477	50%	23,021	50%	1,912	58%
Male	48,114	50%	22,836	50%	1,353	41%
Not					8	<1%
Reported						
Age						
Under 20	35,131	36%	15,275	33%	929	28%
20-24	10,982	11%	8,126	18%	960	29%
25-29	8,149	8%	4,114	9%	399	12%
30-39	16,398	17%	7,454	16%	462	14%
40-49	11,275	12%	5,325	12%	374	11%
50-59	6,514	7%	2,619	6%	121	4%
60 or over	8,124	8%	2,944	6%	28	1%
Avg. Age	26		25		29	
Ethnicity					•	
White	57,170	59%	33,368	73%	2,386	73%
Native	27,661	29%	3,838	8%	490	15%
American						
Hispanic	9,768	10%	7,103	15%	289	9%
Asian	698	1%	523	1%	46	1%
Black	1,180	1%	974	2%	41	1%
Other/Not Reported	114	<1%	51	<1%	21	1%

1990 Census figures from Arizona Department of Economic Security



Access / Student Profile:

Question:

Who are our students?

Indicators:

Educational intent of the students by term

Credit load of the students by term

Description:

Coconino Community College needs to know why students are attending our institution, and the amount of participation by the students.

Data Collected: Majors of CCC Students (excluding NAU/CCC students and counting certificates of completions in the category of certificates):

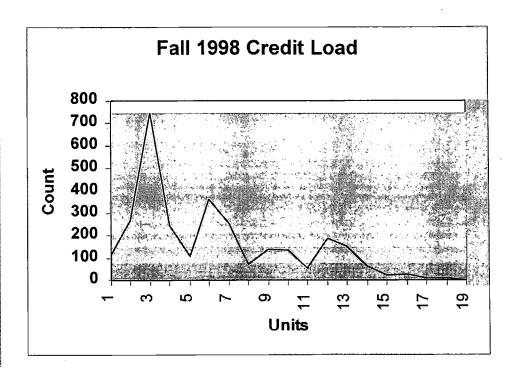
A	Fall 1998 31
Accounting – AAS Accounting/Accounting Tech – Certif.	20
Administration of Justice - AS	. 51
•	7
Architectural Design Tech – AAS Architectural Drafting - Certif.	15
Rusiness Administration- AA	135
Business Management - AAS	12
Business Technologies - AAS	12
Clerical - Certif.	9
Computer Aided Drafting - Certif.	12
Computer Information Systems - AA	38
Computer Information Systems - AA Computer Software Tech - AAS	31
Computer Software - Certif.	26
Construction Technology - Certif.	8
Desktop Publication - Certif.	3
Fine Arts - Visual Arts - AA	26
Fire Science - AAS	33
Fire Science - Certif.	6
General Finance - AAS	1
Hospitality Services – Certif.	1
Hotel and Restaurant Mgt. – AA	10
Hotel and Restaurant Mgt. – AAS	5
General Studies - AA	290
General Studies - AGS	4
Legal Secretary - Certif.	10
Marketing Management Fund AAS	1
Medical Transcription - Certif.	10
Office Information Systems - AAS	17
Pre-Education - AA	146
Pre-Engineering - AS	52
Pre-Medical Science- AS	33
Pre-Nursing - AS	166
Pre-Science - AS	50
Real Estate - Certif.	0
Small Business Management - AAS	2
Vocational Tech Ed.	3
Welding - Certif.	1



Undeclared 1958

Credit Load of CCC Students (excluding NAU/CCC students):

Credit Hours	Fall 1998
1	118
2	268
3	745
4	246
5	108
. 6	360
7	254
8	73
9	138
10	136
11	52
12	189
13	154
14	63
15	21
16	29
17	8
18	7
19	1



Access / Student Profile:

Question:

What is the progress of our students at CCC?

Indicators:

Compare 10th or 15th day enrollment to completion of class (retention)

Compare census day enrollment to completion of class (retention)

Compute number of students who complete 12 hours at CCC

Compute time to complete 12 hours at CCC

Compute number of students who complete English / math / general education courses *Description*:

CCC needs to know whether its students are progressing in their studies. Progress includes retention (completion of classes).

Data Collected:

The average retention rate for Coconino Community College courses held during both the Spring and Fall 1998 terms was 83%.

Appendix D contains the Spring and Fall 1998 Retention Information obtained in the Attrition Pilot Project, and provides data at different points during the semester as well as by course location, division, and prefix.



Student Achievement:

Question:

Are CCC students completing their programs?

Indicators:

Longitudinal data of number of graduates, types of degrees/certificates (graduates)

Compute time to degree/certificate; compute credit hours to degree/certificate (graduates)

Description:

CCC needs to know whether its students who intend to earn associate degrees or certificates are accomplishing their educational goals.

Data Collected:

	1992-	1993-	1994-	1995-	1996-	1997-
Degrees	1993	1994	1995	1996	1997	1998
Associate of General Studies	1	1	2	5		2
Associate of Arts - General	1	4	13	20	23	46
Studies						
Associate of Arts - Business			2	6	2	14
Admin.						
Associate of Arts - Computer			1	1	3	6
Info. Sys.						
Associate of Arts - Pre-		1	2	5	7	17
Education						
Associate of Administration &					2	
Security Services						
Associate of General Business					2	
Associate of Small Business					1	
Mgt						
Associate of Fine Arts –						1
Visual Arts						_
Associate of Science				1	1	1
Admin. of Justice						
Associate of Science		2	3	1	1	6
Pre-Nursing						
Associate of Science				1	1	2
Pre-Science						
Associate of Science						1
Pre-Engineering						
Associate of Science						2
Pre-Medical Science						



Associate of Applied Science			3		5	9
Accounting			ا		5	
Associate of Applied Science	1	1	2	3	2	5
Fire Science	1	1	2	3	2	3
					-	1
Associate of Applied Science						1
Business Technologies						7
Associate of Applied Science						
Computer Software Tech						
Associate of Applied Science						1
General Finance						
Associate of Applied Science		·				1
Hotel/Restaurant Management						
Associate of Applied Science						1
Business Management						
Associate of Applied Science				1		2
Office Information Systems						
ABUS – Associate of						1 1
Business						
	1992-	1993-	1994-	1995-	1996-	1997-
Certificates	1993	1994	1995	1996	1997	1998
Certificate - Accounting		į	2	1	3	3
Certificate –					1	2
Architectural Drafting						
Certificate -			2			3
Business Accounting Tech.		_	_			
Certificate - Clerical		2	2	14	6	3
Certificate - Computer				6	5	
Science	<u>.</u>					
Certificate – Computer			_			5
Software						
Certificate – Architect CAD						2
Tech						
Certificate – Computer Aided						2
Drafting						
Certificate - Construction Tech			1	5	1	2
Certificate - Desktop	_	2	1	3	2	1
Publishing						
Certificate –	-	1	1	1	2	1
Fire Science						
Certificate - General Business	<u> </u>		1		1	
Certificate – Certificate –			1	2	 	2
Legal Secretary			1	2		_



Certificate - Medical			2		2	6
Transcription						
Certificate - Office Info. Sys.				1		
Undeclared						34
Total Degrees / Certificates	3	14	. 41	77	73	192

Student Advancement: (Student Right to Know)

Student cohorts:

New to higher education, transfer in, returning student

Part time vs. full time (first semester and intent)

Compute graduates, transfer outs, persisters after:

1st semester, 1st year, 2nd year, 3rd year, 4th year, 5th year, 6th year

Description:

While this information is required for federal reporting, it is also of interest to the institution.

Data Collection:

Collection and reporting of Data for Student Right to Know began fall 1997.

Transfer Education:

Ouestion:

Are students continuing their education at other institutions (2-year and 4-year)?

Indicators:

Longitudinal data of number of transfer outs and where

Compare number of requested official transcripts sent to other institutions to number of students who enroll at other institutions

Compute time to transfer; compute credit hours to transfer

Performance after transfer

Description:

Many CCC students continue their studies at other institutions of higher education. It is of interest to know where former CCC students transfer, including 2-year and 4-year colleges and universities, and in-state and out-of-state institutions. Since CCC does not know which students intend to transfer, based on information while they are attending Coconino Community College, a comparison should be made of those students who request a transcript be sent to another institution and follow-up of whether the student actually enrolled at that institution.



Data Collected: Transfer Students:

The public universities in Arizona reported the following number of transfer students from CCC. Included in the table is the number of former CCC students who were enrolled at the university that term (new and continuing), and the number of former CCC students who were new to the university that term.

	Fall 1993	Spr. 1994	Fall 1994	Spr. 1995	Fall 1995	Spr. 1996	Fall 1997	Fall 1998
ASU	N/A	N/A	50 (aca	demic	57	62		
			yea	r)			Data a	vailable
new			18	8	17	15	Spring	g 2000
NAU	404	496	747	892	1,147	1,236		
new	94	34	111	74	149	75		
UA	N/A	N/A	44	54	68	N/A		
new			13	7	21			

ASU = Arizona State University

NAU = Northern Arizona University

UA = University of Arizona

new = students who started the university that semester

N/A = data not available

Transfer Education:

Ouestion:

Are CCC credits being accepted as expected by other institutions (2-year and 4-year)?

Indicators:

Survey transfer-out students regarding acceptance of CCC credits

Comparisons of CCC credits earned and class standings at universities

Description:

Course equivalencies articulated between the community colleges and universities in the state are documented in a *Course Equivalency Guide*. Articulation is of concern to CCC and the other public community colleges in the state of Arizona. Each of the public universities in Arizona accepts credits differently and information about the acceptance of CCC credits is used to improve advising.

General Education:

Question:

Are students completing the Arizona General Education Core Curriculum (TGEC) at CCC? A new General Education transfer program (35 credit hours) was implemented beginning January 1999 and replaced the TGECC.

Indicators:

Number of students who complete TGEC (AGEC)



Survey transfer-out students regarding acceptance of CCC credits

Description:

Students who do not wish to complete an associate's program at CCC but do intend to transfer to a 4-year university are advised to take the Transfer General Education Core Curriculum (TGEC). This block of general education credits is meant to transfer to the public universities in Arizona and satisfy their liberal studies requirements. CCC is interested in whether students who do not complete an associate's degree are completing the TGEC (AGEC) and are transferring these credits to other institutions.

Occupational Education:

Data is available from the Registrar's Office.

Question:

Are students participating in vocational programs at the institution?

Indicators:

Number of students in CCC programs (compute via key courses)

- → Graduates, transfers, persisters
- → Enrollment vs. completion of key courses

Employment data (need Arizona Department of Economic Security connection) Employer satisfaction

Description:

Many CCC students take one or more classes to prepare or improve skills needed for the workforce. CCC has advisory councils in several vocational areas to involve business and industry in discussion of needed work skills and knowledge. The progress and success of occupational students is of interest from both the students' and employers' perceptions to ensure that the preparation CCC occupational programs provide is appropriate.

Data Collected:

The data collected for vocational/occupational students is available upon request from the Office for Institutional Research.



Continuing Education:

Question:

Are students seeking lifelong learning accessing the institution?

Indicators:

Numbers of credit free and contract training classes and enrollment

Description:

CCC has offered limited non-credit courses primarily for personal interest students. CCC also offers contract-training classes for specific community groups.

Data Collected:

CCC Credit-Free Courses Offered:

·	FY 93-94	FY 94-95	FY 95-96	FY 96-97	FY 97-98	FY 98-99
# Classes	10	18	14	26	31	22
Enrollment	182	287	181	339	347	333

Developmental Education:

Question:

How many students in the institution take advantage of learning assistance?

Indicators:

Number of LEC workshops and attendance

Number of learning assistance sessions and participants

Description:

Students who need learning assistance to be successful in their courses access CCC. The Learning Enhancement Center aims to meet these needs through group workshops and learning assistance sessions. Records are tabulated and reported to the Learning Enhancement Services (LES) Advisory Council on a quarterly basis

Service	Fall 1998	Spring 1999
LEC Workshops	202	102
LEC Workshop Attendance	1,214 Students	691 Students
Learning Assistance	10,167 Visits	9,533 visits
Learning Assistance Participants (unduplicated)	1,528 Students	1,485 Students

Developmental Education:

Question:

How many students in the institution need developmental courses?

Indicators:

Number of students who take placement tests

Number of students recommended for developmental courses

Number of students enrolled in developmental courses

Number of students who complete developmental courses

ERIC*

Description:

Students who are lacking in basic math and English reading and writing skills access CCC, like many community colleges. Of interest is how many students are accessing the institution who need to improve their basic skills and whether they complete such developmental courses. Data is available from the College's Computer Lab Coordinator.

Student Services:

Question:

Types of student services assistance available to students

Indicators:

Number of students receiving disability assistance

Number of students participating in single parent/displaced homemaker and tech prep programs

Number of concurrent high school enrolled students

Description:

Some of the services available to students at CCC began through grant programs. CCC has made great strides in its procedure to evaluate the value of these services (as well as any appropriate legal requirements) in determining whether the services are successful and should be continued. A Disability Resources Advisory Council was established by the college President in spring, 1998, to oversee the college's accommodation procedures and practices.

	Summer II 1998	Fall 1998	Spring 1999
Students on File in Disability Resources	N/A	68	78
Students Served by Information Resources (unduplicated)	57	351	894

Information Resource Workshops	16
Annual Total	_
Students Served by Resource	212
Workshops Annual Total	

Student Services:

Question:

Attitudinal information and student satisfaction

Indicators:

Continuing Student Survey Completer Student Survey



Former Student Survey (transferred?, employed?, CCC educational goals achieved?) *Description*:

During spring 1998 the College continued converting its Student Information System (see "Data Systems" section). A continuing student survey and a former student survey are being considered to be distributed at the same time transcripts are sent to all students in the College's system during this conversion process. Thereafter, surveys will be conducted during current classes (continuing students), during the graduation process (completers), or as follow-up (former students) on a regular basis, to get feedback on CCC's institutional effectiveness.

Community Services:

Question:

Is the College helping serve the communities within the County service region?

Indicators:

Number of SBDC workshops and enrollment

Number of SBDC consultations and participants (businesses)

Number of contract training courses and enrollment

Description:

Coconino Community College is concerned about being a partner and a resource in the County.

Data Collected:

During the 1995 calendar year, the SBDC conducted 29 seminars with 415 attendees. 331 consultations were held; of these, 145 were pre-ventures and the balance of participants was currently open businesses.

During the 1995-96 fiscal year, 35 contract training workshops were given with 508 people attending.

During the 1996-97 fiscal year, the SBDC conducted 24 workshops with 388 people attending.

During the 1996 calendar year, 208 consultations were held, of which 92 were preventures.

During the 1997 calendar year, 246 consultations were held, of which 105 were preventures.

During the 1998 calendar year, 20 SBDC training classes were held, with 207 participants, for a total of 1481 training hours. The SBDC also provided 981 hours of counseling.

CCC Contract Training Courses Offered:

	FY 93-94	FY 94-95	FY 95-96	FY 96-97	FY 97-98	FY 98-99
# Classes	10	2	37	17	13	8
Enrollment	182	62	523	181	181	116



Opportunities for Improvement

The Director for Institutional Research will compile a "fact book" for reporting all relevant data and trends regarding transfer, student retention, and other issues. This document will be made available to the college community for use in research, decision-making, and program building. This fact book is scheduled to be available in spring 2000.

More direct mission measures need to be identified for the purpose of reporting assessment of academic achievement. The College should continue collecting and reporting data from all mission level indicators. However, methods to utilize mission measure information to improve student academic achievement must be developed.

There must be better communication of the results (both positive and negative) of mission measures to the staff and students of CCC and to the community through advisory committees, the District Governing Board, and other community groups.



External Survey

As part of mission level assessment during the 1998-99 academic year, CCC gathered qualitative data regarding its effectiveness throughout the county via an external Survey. A similar survey had been conducted in 1992 and was used as a baseline for comparative analysis.

Several factors had indicated a college-wide need to conduct a second environmental survey. Primarily, the college needed relevant data on which to base strategic decisions regarding Title III grants, course offerings, strategic planning, accreditation, student services, and distance learning technology and modalities for the new CCC campus.

Dr. Pattie Odgers collaborated with Dr. Casey Donoho, research expert from Northern Arizona University, in preparing the survey and compiling the final report. Approximately 2,900 responses were tabulated from CCC students, business and organizations, the community, and high school students.

The results of the survey were published in the *Coconino County External Survey Report* and presented to the District Governing Board in May 1999. A few interesting results were:

- Computer information systems classes are of considerable interest to all customer groups, followed by other business and accounting classes, art, Spanish, biology, and manufacturing/industrial technology.
- There is a strong interest in Internet classes.
- There was high interest across customer groups for courses on home TV, followed by interest in Internet-based delivery methods.
- The long term goal for CCC and high school students is a four-year degree and graduate degree.
- In general, customer satisfaction was good.



PROGRAM LEVEL ASSESSMENT

Program level assessment is intended to address both academic and non-academic departmental areas of instruction, student services, administrative support, and institutional support. It addresses the following questions:

What is the purpose of the program or service area?
What are the parameters of the program area (goals and objectives)?
Are our programs and services meeting students' needs?
Are non-academic programs and services providing support to the institution?

Program Review

The College is currently revamping its program review instrument. A pilot test with the earlier instrument helped highlight issues and concerns of both faculty and administration, namely that the instrument was burdensome in the information that it requested and that Coconino Community College did not fit the one-size-fits-all model from which the instrument was derived.

The program review currently under design will strive to incorporate a campus-wide focus and to lessen the information gathering responsibilities of the faculty and staff by drawing on the available data on BANNER. It is also the goal of this program review to provide readily-understood information that is consistent across programs, yet also allow for the uniqueness of programs. In the future, this review process will encompass the entire institution.

This instrument is expected to be completed fall 1999 and implemented in spring 2000.



PILOT PROJECTS

During the 1998-99 academic year, two ongoing pilot projects continued. These were the Retention/Attrition study and the Textbook Reading Level Evaluation project. Please see page 61 for information about the Retention project. PIE also conducted a study of pilot project status for informational purposes only.

Textbook Reading Level Evaluation Project

In the 1998/99 academic year the reading readiness task force finished evaluating the majority of textbooks in use at CCC using the Fry Readability Scale. The next anticipated step in the process is to have program coordinators check these evaluations for accuracy based on their use of the textbooks and instructor supplied ancillary materials.

Pilot project status:

Attrition study: Barbara Cress (Full-time Faculty)

Pilot ended; the Office for Institutional Research is to continue.

Business Participation Phase I & II: Yusuf Faruq Abd-al-Hakim (Associate Faculty)
Retired.

College Algebra Study: Math Department

Retired.

Comparison of CIS 124 and 224 8 wk and 6 wk: Barbara Cress (Full-time Faculty) Completed, Spring 96

Continuing Student Survey: Laurie McCown (IR Director) and Linda Newell (Registrar) Retired.

Assessment of course outcomes in ENG 101: Jay St. Vincent (Full-time Faculty) Retired by Jerry Baker, but should be revisited at a later date.

Fast Track Windows Classes: Jeff Rhode (Full-time Faculty)

Retired since class was cancelled.

General Education: Faculty

In progress.

Readability of textbooks: Alan Petersen (Full-time Faculty)

Majority of books have been assessed for reading level. Will need to continue the work as needed when textbooks are changed.



Idea for a new pilot project has resulted from this project: looking into tracking placement scores and student success in reading classes. Alan or another member of the original committee may propose this project in the near future.

Intermediate Algebra to College Algebra: Math Department In progress.

Learning Assistance in the Flagstaff and Page Campus Labs: Diedra Silbert (Vocational Counselor)

Completed, data is forthcoming.

Spanish for Native Speakers: Barbara Eickmeyer (Full-time Faculty) Retired.

Graduation Satisfaction: Victoria Haviland (Student Services)Retired.

Freshman survey, UCLA report: Barbara Cress (Full-time Faculty) Competed Fall 96.



GENERAL EDUCATION

The assessment of General Education project continued during the 1998-99 academic year. Two pilot projects were proposed by faculty at the April 1998 General Education Work Session to continue assessing general education skills while identifying cost-effective evaluation tools for use in evaluation.

The first pilot project was conducted to gather information regarding standardized assessment instruments for general education skills. Five faculty members participated on the team that evaluated the Cornell Critical Thinking Test. The team concluded that, while the test evaluated particular critical thinking and analysis skills, it was not adequate to the task of evaluating the core skills of General Education, as ranked by faculty in the first phase of this project (see the Assessment Program Technical Progress Report, 1997-1998, p. 39). The project will be complete when the team has selected an appropriate standardized evaluation instrument for use in assessing general education skills of CCC students. Faculty are continuing with this pilot project.

The second pilot project was intended to gather information about the effectiveness of focus groups in assessing general education skills. The team of four faculty members was to create questions that would be useful in evaluating the core general education skills. Once the questions were formulated, the team was to conduct focus groups during the spring semester and report the results to PIE. However, the labor-intensive demands of this project coincided with the college-wide strategic planning effort and the project was postponed. Faculty have expressed commitment to pursue this project in the upcoming year.

During the 1999-2000 academic year, faculty will continue to search for the best method of evaluating and reporting academic achievement in the core skills of general education. In the fall semester, ten associate faculty will participate in the assessment project by reporting outcomes of their students using course outlines as their guide. PIE will also encourage faculty to continue with the focus group pilot project, as well as any efforts to streamline the process and assess the "value added" to our students in the area of general education core skills.

Goals for the project include:

- 1) Use CCC General Education course outlines and the outcomes/competencies listed as the documentation for faculty reporting of student academic achievement (see sample A).
- 2) Measure student achievement in a General Education course by comparing results of assessments done at specific times, called "benchmarks" during this semester.
- 3) Streamline the process of faculty reporting to make it efficient and cost-effective. Faculty participating in the project will brainstorm ideas for making the collection and reporting of the data as easy as possible for faculty and staff at CCC.



4) Propose a permanent methodology for collecting course-level data that will be useful for program and curriculum assessment, as well as reporting the information to constituents.

This study will focus on finding a method for reporting how our students have mastered skills/competencies in General Education courses that has:

- a) The least impact on faculty time
- b) The most potential for return of information
- c) Reliability
- d) Measurability at institutional and individual levels
- e) Usefulness in future data collection

Anticipated outcomes:

- 1) Improved methods of evaluating student outcomes
- 2) Improved methods of teaching for ensuring student achievement of outcomes
- 3) Faculty participation in program level assessment activities as a result of raised awareness in course level assessment
- 4) Improved consistency in reporting student academic achievement at the General Education level

At the end of this project, the Principal Committee for Institutional Assessment (PIE) will pay associate faculty a lump sum of \$160.00 each for their participation. Full time faculty will receive the reward of satisfaction for the privilege of participating in this worthwhile project, and listing it as committee work on their vita.

Requirements for associate faculty participation:

- Must have a minimum of one semester teaching at CCC
- Must teach a course in general education core
- Must attend all meetings related to the project

This is course-embedded assessment, intended to be "diagnostic and supportive of student learning" (Banta, 1991). It should involve pre- and post assessments that are common to all sections of the course. The participants have chosen the term "benchmarks" in lieu of the negative connotations implied in "pre/post testing." Each benchmark will be an assessment of student knowledge and skill in the subject area at a given point in the course/semester.

Opportunities for Improvement

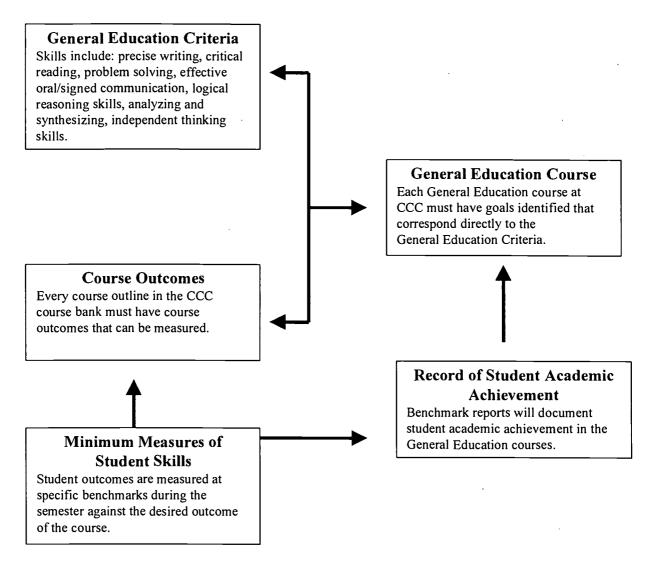
External factors (personnel constraints, institutional priorities) which inhibited faculty from pursuing the pilot projects in more depth, which was a disappointing setback to the general education assessment project. Most faculty agree that the assessment of our students' skills is paramount to course planning and curriculum design at the college and, if given an



alternative, would chose to focus on this over completing an unrelated assignment. If the college truly intends to measure the academic achievement of its students, there must be a commitment between leadership and faculty to making this important indicator of effectiveness a priority.

The Maricopa Community College District has generously offered CCC an opportunity to review its instruments for outcome assessment of general education skills. The PIE co-chairs have agreed that it would be beneficial for the college to investigate this further.

General Education Assessment Project - Fall 1999





RETENTION STUDY

The faculty and PIE approved continuation of the Retention/Attrition pilot project (which began in the spring semester, 1997) to track course level retention for all courses at all sites during the fall and spring semesters. The office of institutional research supervised the project this year. PIE has proposed that this role should be institutionalized through the Registrar's Office starting fall 1999.

For complete compilation of results of the retention/attrition study for Spring and Fall 1998, see Appendix C.

Retention Spring 1998 by Site

Site	Sections	Beginning Enrollment	Ending Enrollment	Ending Retention	% of Cap	Begin FTSE	End FTSE
Camp Navah	0 2	19	13	69%	38%	2.53	1.73
Flagstaff	327	5730	4708	82%	74%	1146.00	941.60
Grand Canyo	n 2	18	15	88%	50%	2.40	2.00
NAU	18	359	304	84%	79%	71.80	60.80
Page	55	641	554	86%	56%	128.20	110.80
Williams	4	43	39	. 92%	52%	5.73	5.20
Grand Tota	4 08	6810	5633	83%	72%	1356.66	1122.13

Retention Fall 1998 by Site

Site	Sections	Beginning Enrollment	Ending Enrollment	Ending Retention	% of Cap	Begin FTSE	End FTSE
Flagstaff	283	5425	4388	82%	78%	1808.33	1462.67
Grand Canyon NAU	1 39	8 717	5 623	63% 88%	32% 83%	1.07 143.40	0.67 124.60
Page	32	458	381	85%	65%	91.60	76.20
Williams	4	30	29	98%	30%	8.00	7.73
Grand Total	359	6638	5426	83%	77%	2052.4	1671.87



ACCOMPLISHMENTS OF OTHER CCC COMMITTEES

PIE feels that part of its function is to provide linkages between assessment and activities of other committees at CCC. In this role, PIE serves as a central "warehouse" for assessment resources and activities at the College. Hence year-end reports were collected from the standing committees at CCC in order to review the overall accomplishments and record the correlation to the improvement of institutional effectiveness (see Appendix D).

Year-end reports were received from the following committees:

Recruitment committee
Information Resources Advisory Council
Distinguished Service Award Committee
Career Fair Committee
CCC Scholarship Committee
Awards Ceremony Committee
LES Advisory Council
Disability Resources Advisory Council
Student Appeals
Commencement
NAU/CCC Coordinating Council
Principal Committee for Institutional Effectiveness (PIE)



Glossary & Assessment Terms



GLOSSARY

AGEC Arizona General Education Curriculum

ASAA Assessment of Student Academic Achievement

Project team responsible for defining CCC's Assessment Plan

ASU Arizona State University

CCC Coconino Community College

CLT College Leadership Team

COLE Creating Optimum Learning Environments (Learning Center Professional

Development Presentations)

FTSE Full-Time Student Equivalent

NAU Northern Arizona University

NCA North Central Association

PAC President's Advisory Council

PIE Principal Committee for Institutional Effectiveness

Standing committee which oversees implementation of assessment at

CCC.

SBDC Small Business Development Center

SIS Student Information System

TGEC Transfer General Education Core Curriculum

UA University of Arizona



ASSESSMENT TERMS

Assessment: The ongoing process of analyzing and evaluating CCC's functions and activities by examination, performance assessments, surveys, focus groups, interviews, follow-up studies or other methods. Information gathered enables the College to understand its effectiveness and improve educational offerings and services. Participation is appreciated and valued by members of the College community.

Attrition: Rate at which students drop a class or classes, compared to enrollment on the 45th day or other specified time of the semester.

College-Level Basic Skills: Skill levels (reading, writing, computation, study skills) sufficient for students to be successful in college-level courses (i.e. College Composition I, College Algebra).

Completer: CCC student who received either a Basic/Advanced/Technical certificate or an Associate degree, completed the TGECC, or completed at least 12 CCC credits and requested transfer to another post-secondary institution.

Continuing Student: Student enrolled at CCC who was also enrolled the previous (Fall/Spring) semester.

Developmental Courses: Courses intended to raise the student's skill levels in English writing and reading and/or math to college-level abilities including the following CCC courses: ENG 060, ENG 029, ENG 030, ENG 031, MAT 055, MAT 087.

Drop Out: CCC student who has not enrolled for three or more years.

Educational Goals: Student's academic reason for attending CCC: personal growth, transfer to a university, better job skills, and/or receive a CCC Basic/Advanced Technical certificate or an Associate degree.

Full-Time Student: Student enrolled for twelve or more credit hours in a semester as of the 45th day of the semester.

GECC: General Education Core Curriculum: A group of courses which provide basic skills and expose students to broad areas of knowledge. Specific GECC courses are required for all CCC Associate degrees.

Graduate: CCC student who earned either a Basic/Advanced/Technical certificate or an Associate degree by meeting the appropriate requirements and filing a graduation application with the College.



Institutional Effectiveness: The method by which the college plans, assesses and improves its services as related to its mission.

New Student: Student enrolled for first time at CCC.

New to Higher Education (also called first-time, first-year student): Entering student who has not previously attended any college or university credit classes.

Outcomes: Course outcomes (Academic) indicate what students will learn in a course and how they will be able to demonstrate mastery of knowledge or skill. Statements concerning learning outcomes are written in observable, measurable terms, and must be consistent with the course content. (Vocational) Competencies are measurable proficiencies of knowledge and skills achieved by students upon completion of a course. Competencies are written in observable terms so that students and instructors understand the specific skills required in a given course (1999 Curriculum Policy and Procedures Manual).

Part-Time Student: Student enrolled for less than twelve credit hours in a semester as of the 45th day of the semester.

Persistence: Continuing enrollment in subsequent semester(s) by a student.

Placement Testing: The process used to determine a student's level in math, English, reading, and modern languages. Placement tests must be taken before a student can enroll in math and English classes, and second semester of Spanish.

Portfolio: A collection of representative student works over a period of time. Portfolios may be used for evaluation of a student's abilities and improvement.

Program Intent: Major, or course of study, designated by the student when enrolling at CCC.

Readmit: Student who last attended CCC over 3 years ago and is enrolling for an upcoming term; drop-out who is returning to CCC.

Reliability: The extent to which a test is dependable, stable, and consistent when administered to the same individuals on different occasions. A statistical term that defines the extent to which errors of measurement are absent from a measurement instrument.

Retention: Completion of a course by a student.

Returning Student: Student enrolled at CCC after an absence of one or more semesters.



Stop Out: CCC student with less than a three-year gap in enrollment.

Strategic Planning Goals: Broad, umbrella statements that will take from one to five years to complete.

Strategic Planning Objectives: Accomplishable and measurable within one year and necessary to accomplish goals. Referred to as "goals" in the IE Model.

Strategic Planning Tactics: Unit level details necessary to accomplish objectives.

Student Academic Achievement: The value added to a student's knowledge and/or skills level upon completion of a given course, certificate, or degree program.

Student Success: Completion of a student's educational goals: Personal growth, knowledge of the subject, receiving a passing grade, job placement, acceptance to a university, earning a CCC degree or certificate, and/or ability to critically analyze information as a result of taking a CCC courses or courses.

TGEC: Transfer General Education Curriculum; A block of 35 semester credit hours of general education coursework that will transfer as a block to meet the lower division general education requirements at any other public Arizona community college or university.

Transfer Student: (1) Student entering CCC for the first time but known to have previously attended another post-secondary institution (transfer in); (2) CCC student who continues their education at another post-secondary institution (transfer out).

Unit: A functional area within the College. An example might be a program of study, a cluster of like courses, a discipline, an administrative department, etc.

Validity: The extent to which a test measures what it was intended to measure. Indicates the degree of accuracy of either predictions or inferences based upon a test score.



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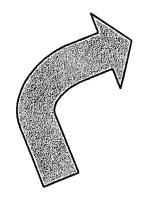
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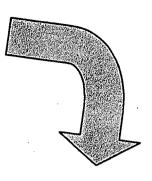
Appendices



Appendix A IE Model and The Big Picture

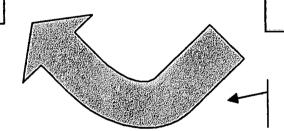


Strategic Plan



IE Model

Plan (Goals), Assess (Benchmarks), and Improve (Lessons Learned) *Unit Review



Budget

Feedback loop

Spring to Fall

*Information gathering, analysis, and assessment

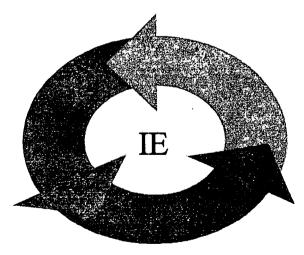
Fall

* IE Model feeds into the strategic plan

Spring

*Budget initiatives tie into the strategic plan and therefore school mission

How will the results be used



How well was it done?

What will be done?



Appendix B PIE Forms Principle Committee for Institutional Effectiveness Travel Support Form

Date Submitted	Conference	Dates
Submitted by	Person Trave	eling
Briefly summarize the conference/work	 kshop and attach su	upporting documents.
Challenge/Need		
Goals: Objectives of Travel		
Total estimated cost of travel \$		Amount relating to IE
Knowledge Opportunity: Institutional Effectiveness Activ	rities	
·		
Expected Benefits to the College regarding	College: ng IE	
Means of dissemination to the (College	





COCONINO COMMUNITY COLLEGE PRINCIPAL COMMITTEE FOR INSTITUTIONAL EFFECTIVENESS

PILOT PROJECT PROPOSAL

DATE SUBMITTED ____ PROJECT TITLE _____ INVESTIGATOR DISCIPLINE/DEPT. _____ BRIEFLY SUMMARIZE THE PROJECT IN THE FOLLOWING AREAS (ATTACH SUPPORTING DOCUMENTS): CHALLENGE / NEED: _____ GOALS: OBJECTIVES OF PROJECT PROJECTED TIMELINE FOR PROJECT FROM _____ TO ____ TOTAL ESTIMATED HOURS _____ ADDITIONAL RESOURCES _____ PROCESS: ACTIVITIES/TECHNIQUES _____ MEASUREMENT INDICATORS _______ **EXPECTED BENEFITS:** AREA FOR IMPROVEMENT ___________________________________ DISSEMINATION OF RESULTS ___________ SIGNATURES: ___DATE _____ INITIATOR ____ _____DATE _____ PROGRAM COORDINATOR ______ ______ DATE_____ DIV. CHAIR / DEPT. SUPV. ___ COMMITTEE APPROVAL /CHAIR _____ DATE ____ DATE ____



HOW TO FILL OUT THE PILOT PROJECT PROPOSAL FORM

DATE SUBMITTED:

DATE YOU WILL TURN IT IN TO THE COMMITTEE

PROJECT TITLE:

BE SPECIFIC. AN EXAMPLE IS "CLASSROOM TESTING

TECHNIQUES FOR SPA 101 AND 102"

INVESTIGATOR:

WHO WILL BE IN CHARGE OF THE PROJECT

DISCIPLINE/DEPT:

WHETHER FACULTY OR DEPARTMENT, WHO WILL BE

RESPONSIBLE FOR THIS PROJECT

CHALLENGE/NEED:

SPECIFY WHAT THE PERCEIVED NEED IS. AGAIN, BE SPECIFIC.

OBJECTIVES:

WHAT ARE YOUR GOALS FOR THIS PROJECT? WHAT DO YOU

WANT TO ACCOMPLISH?

PROJECTED TIMELINE:

SELF EXPLANATORY, BUT BE REALISTIC. THERE IS NOT TIME

LIMIT TO THESE, AND THE PIE COMMITTEE CAN RECOMMEND

EXTENSIONS FOR PILOT PROJECTS.

TOTAL EST. HOURS:

WE WANT TO KNOW IF THIS WILL TAKE 1 HOUR A WEEK OR

20 HOURS A WEEK? WILL IT BE A "ONE TIME" GATHERING OF

DATA? HOW MUCH TIME ARE WE LOOKING AT?

ADD'L RESOURCES:

WILL IT REQUIRE ADDITIONAL MANPOWER BESIDES THE

INVESTIGATOR AND/OR TASK FORCE? WILL YOU NEED

CLERICAL HELP? WILL YOU NEED RELEASE TIME?

ACTIVITIES/TECH .:

WHAT ARE YOU GOING TO DO TO GATHER YOUR DATA?

SURVEYS? TESTS? FOCUS GROUPS? SPECIFY. LIST AS MANY AS YOU WILL USE AND PROVIDE A STATEMENT AS TO HOW

THESE ACTIVITIES WILL BE CARRIED OUT.

MEASUREMENT IND.:

WHAT WILL YOU USE TO MEASURE / ASSESS THE AREA YOU

HAVE IDENTIFIED?

AREA FOR IMPROVE .:

WHAT DO YOU EXPECT WILL BE THE BENEFITS OF THIS

PILOT? WHAT AREA WILL BE AFFECTED MOST AND BENEFIT

FROM THE RESULTS OF YOUR PROJECT?

DISS. OF RESULTS:

YOU WILL NEED TO LIST ALL OF THE DEPARTMENTS THAT

WILL BE GETTING THE RESULTS OF YOUR PROJECT. YOU

WILL BE RESPONSIBLE TO DISTRIBUTE THESE.



Principal Committee for Institutional Effectiveness Coconino Community College

PILOT PROJECT PROPOSAL EXPENDITURE ESTIMATES

PROJECT T	ITLE:			
SUPPLIES: List:		- -		
		 	\$	
SOFTWARE	: 	 		
TESTS:		_	\$	•
LITERATURI	 		\$	
		- 	\$	·
PRINTING C	OSTS:	 		
CLERICAL A	ASSISTANCE:(per	— — semester @ \$		
	# of hours		\$ - \$	<u> </u>



INTENT TO SURVEY

Any College department, subsidiary or associated party who wishes to conduct a survey on behalf of CCC must first communicate its intent to the PIE Committee for review and coordination. This does *not* include classroom assessment.

The PIE Committee will review the "intent to survey" and provide feedback to the department or individual. As part of the review process, PIE will advise departments of other related surveys and available information, will help coordinate inquiry efforts, and will be a resource for developing useful survey instruments. The goals is for all surveys done at CCC to be quality instruments and for the results to be institutionally beneficial.

1. —	What is the purpose of the survey? (i.e. information to be gained)	_
2.	What is the timeline of the survey? (i.e. when the survey will be conducted)	-
3.	What is the population and the sample to be surveyed?	- -
	What methodology of processing, analyzing, and reporting responses, (including pected date of completion)?	- -
5. —	What audience will receive the reported results?	- -
6.	What method for feedback and improvement will be implemented?	- -
7.	Please attach a sample of the survey. Contact Person	-



institutional effectiveness.

Upon completion of the survey activity, please provide the PIE Committee with a copy of the results. These reported results will serve as a source of information regarding

INTENT TO SURVEY

While conducting the institutional inventory of assessment activities, the PIE identified a need for centralizing institutional survey procedures. As the College has grown, the frequency of surveys to obtain data has increased. Upon requesting the results of these surveys, it was discovered that some departments have not had time to compile the data collected. Also, there was no system in place to protect our students from being subjected to "outside" surveys, thus impacting the future of reliable qualitative information on campus.

Research has shown that frequent surveys impact student opinion over an extended period of time (resulting in "pictures" drawn on the bubble answer sheets or single value results with respondents not reading the questions). The use of surveys throughout the institution is of grave concern to the Committee, particularly if nothing is done with the data. The College does not need more surveys that do not yield quality results or are not adequately evaluated.

PIE proposed a college-wide procedure for the surveying of students, in order to improve assessment reporting and monitoring institutional effectiveness more efficiently. The survey procedures are designed to monitor institutional effectiveness at the mission and program levels; they do NOT include classroom assessment. The Intent to Suvery procedures were recommended by PIE, the Academic Standards Committee, the College Leadership Team Plus.

The following was approved by the College Leadership Team (CLT) on February 5, 1997.

Survey Procedures:

Any College department, subsidiary or associated party who wishes to conduct a survey on behalf of CCC must first communicate its intent to the PIE Committee for review and coordination. This "intent to survey" should identify:

- 1. Purpose of the survey (i.e. information to be gained)
- 2. Timeline of the survey (i.e. when the survey will be conducted)
- 3. The population and sample to be surveyed
- 4. Methodology of processing, analyzing, and reporting responses (including expected date of completion)
- 5. Audience to receive the reported results
- 6. Method for feedback and improvement (i.e. how recommendations will be implemented)
- 7. A sample of the survey

The PIE Committee will review the "intent to survey" and provide feedback to the department or individual. As part of the review process, PIE will advise departments of other related surveys and available information, will help coordinate inquiry efforts, and will be a resource for developing useful survey instruments. The goal is for all surveys done at CCC to be quality instruments and for the results to be institutionally beneficial.

Upon completion of the survey activity, the PIE Committee will receive a copy of the results. These reported results will serve as a source of information regarding institutional effectiveness. The results will be filed in the PIE cabinet, in office of the Institutional Researcher.



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Appendix C

Site Division Prefix Number Time Days	fx Number	Time		Cap	% Cap	FTSE Week 3	FTSE End	FTSE Retention	Enroll Wk 3 Enroll End	Enroll End	% Retention
C N occ/vo CIS	S 222	14:30	H R	25	44%	1.47	0.93	64%	Ξ	7	64%
	223	15:45	H R	52	32%	1.07	08.0	75%	80	9	75%
	Sum	Summary for 'Prefix' Summar	or 'Prefix' = Summary	CIS (?	= CIS (2 detail records)ry	ords) 2.53	1.73		19	13	•
		AV	Average	-	38%		,	%69			%69
Summary for 'Division' = occ/voc (2 detail records) Summary	ision' = oc.	Sun Sun	(2 detail recc Summary	ords)		2.53	1.73		19	13	
	:	Av	Average		38%			%69			%69
Summary for 'Site' = CN (2 detail records) Summa	= CN(2c	letail recc Sun	records) Summary			2.53	1.73		19	13	
		Ave	Average		38%			%69			%69
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	102	12:30	Σ	35	111%	7.80	6.00	77%	39	30	. %22
	110	18:30	⊢	35	40%	2.80	1.80	64%	4	6	64%
	241	9:30	×	35	40%	2.80	2.80	100%	14	4	100
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		Av	Average		73%			%62			%62
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1	100	17:30	≯	25	%96	4.80	4.60	%96	24	53	%96
	001	11:00	H R	25	108%	5.40	5.20	%96	27	56	%96
	100	8:00	2	25	84%	4.20	3.80	%06	21	. 61	%06
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Enroll Wk 3	5	23	9	5	ო	თ	28	13	13		239		48	19	5	21	6		81		17	4	13	5.		22		ო
FTSE Retention	100%	83%	%29	80%	100%	78%	%96	85%	85%			87%	61%	84%	77%	71%	100%			%62	94%	20%	62%	62%			%19	33%
FTSE End	1.00	3.80	0.80	0.80	0.60	1.40	5.40	2.20	2.20		42.40		1.47	3.20	2.00	2.00	0.67		9.33		2.13	0.93	1.07	1.07		5.20		0.07
FTSE Week 3	1.00	4.60	1.20	1.00	09.0	1.80	5.60	2.60	2.60	ecords)	47.80		2.40	3.80	2.60	2.80	0.67	cords)	12.27		2.27	1.87	1.73	1.73	cords)	2.60		0.20
% Cap	33%	95%	40%	45%	20%	%09	%99	43%	87%	ART (16 detail records)		%69	51%	%9/	52%	84%	20%	COU (5 detail records)		93%	85%	%02	%59	%59	DAN (4 detail records)		71%	75%
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Days	H R	H R	H R	≥	≥	Σ	-	T R		refix' =	Summary	Average	Σ	H R	H R	щ	≥	refix'=	Summary	Average	TWR	≥		H R	efix'=	Summary	Average	>
Time	11:00	17:30	19:00	14:00	14:00	17:00	19:00	9:30		Summary for 'Prefix' =	Sun	Ave	18:30	12:30	11:00	10:30	18:30	Summary for 'Prefix' =	Sun	Ave	12:10 TWR	10:15 M W		13:00 TR	Summary for 'Prefix' =	Sun	Ave	18:00
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Enroll Wk 3 Enroll End	0	0	-	-	-	16	20	4	16	18	9	21	14	7	17	16	15	7	21	14	22	16	·2 4	17	21	20	23	4
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FTSE Retention	%0	%0	100%	100%	20%	73%	83%	20%	64%	%29	86%	78%	82%	. 87%	85%	%29	%62	30%	78%	402	73%	80%	95%	74%	95%	74%	%96	%29
FTSE End	00.00	0.00	0.07	0.07	0.07	3.20	4.00	0.27	3.20	3.60	1.20	4.20	2.80	1.40	3.40	3.20	3.00	1.40	4.20	2.80	4.40	3.20	4.80	3.40	4.20	4.00	4.60	2.80
FTSE Week 3	0.20	0.13	0.07	0.07	0.13	4.40	4.80	0.53	5.00	5.40	1.40	5.40	3.40	1.60	4.00	4.80	3.80	4.60	5.40	4.00	9.00	4.00	5.20	4.60	4.40	5.40	4.80	4.20
% Cap	75%	20%	725%	25%	20%	100%	109%	36%	100%	108%	32%	123%	41%	36%	91%	109%	86%	105%	123%	91%	136%	91%	118%	105%	100%	123%	109%	84%
Cap	4	4	4	4	4	22	22	22	25	25	22	22	22	22	22	22	22	22	22	22	22	. 22	22	22	22	22	22	25
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FTSE Week 3	4.60	4.20	3.60	4.00	2.40	3.60	3.20	2.80	3.60	1.80	2.20	2.80	3.40	1.60	0.40	ecords)	142.13		1.60	7.20	7.00	4.60	1.80	4.80	3.80	5.00	4.60	3.60
% Cap	105%	85%	82%	91%	25%	85%	%08	%99	72%	36%	44%	%99	85%	32%	40%	ENG (44 detail records)		%08	27%	103%	100%	%99	36%	%69	54%	71%	%99	51%
Cap	22	22	22	22	22	22	20	25	25	25	25	25	20	25	2	ENG			30	35	35	35	25	35	35	35	35	32
Days	>	T R	T R	H R	MΤW	œ	H R	≥ ×	щ	щ	-	ட	щ	≥		efix'=	Summary	age	:00 MTW	Σ	ТR	œ	≥ Σ	T R	× Σ	T R	×	Σ
Time	17:30					18:00	11:00	12:30	13:00	9:30	9:30	13:00	9:30	12:30		Summary for 'Prefix' =	Sum	Ave	00:6	8:00		18:30			9:30		12:30	
Site Division Prefix Number	102	102	102	102	102	102	139	236	237	238	238	271	272	273	298	Summs			131	131	131	131	132	132	132	136	202	251
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FTSE Retention	,	85%	81%	78%	88%			85%	100%			100%	%09	%98	88%	81%	54%	100%			78%	100%	83%	100%	91%	20%
FTSE End	36.20		5.60	3.60	4.60		13.80		0.27		0.27		0.40	0.80	0.93	0.87	0.93	1.87		5.80		5.20	4.00	0.27	4.20	1.00
Cap % Cap FTSE Week 3	cords) 44.00		6.40	4.60	5.20	cords)	16.20	Average 108	0.27	ord)	0.27		0.67	0.93	1.07	1.07	1.73	1.87	cords)	7.33		5.20	4.80	0.27	4.60	2.00
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Monday, October 18, 1999



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FTSE Retention		85%	83%	89%			%98	83%	100%	88%	%29	61%	95%	79%			83%	87%	82%	85%			84%	83%	100%	81%	%98	
FTSE End	14.67		5.33	2.13		7.47		5.20	4.80	4.60	3.20	2.80	2.20	3.00		25.80		4.00	4.60	3.60		12.20		9.00	1.80	2.60	3.60	
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Cap	MUS		52	54	NAV (25	25	52	25	25	30	25	PHI (25	25	25	POS (35	9	30	30	
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Time	ary for 'F Sur	Avı	15:00	17:00	ary for 'F	Sur	Ave	11:00	13:00	18:30	18:15	14:00	18:30	9:00	ary for 'F	Sur	Ave	15:30	11:00 TR	17:00 TR	ary for 'F	Sur	Ave	14:00	9:00	15:30	18:30	
Site Division Prefix Number	Summ		101	102	Summs			101	101	105 18:30 M 25 104% 5	105	105	201	201	Summe			110	120	220	Summs			101	101	101	101	8, 1999
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% Retention	61%	80%	%92	%98	62%	%56	100	82%	91%	%02	%68			83%	80%	%92	100	88%	95%	100			%68	82%	88%	%62	83%	85%	
Enroll Wk 3 Enroll End	14	æ	26	12	18	18	15	4	10	Ž	16		228		20	. 19	12	7	11	ო		72		21	. 15	26	14	17	
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FTSE Retention	61%	80%	492	%98	62%	95%	100%	82%	91%	20%	89%			83%	80%	76%	100%	87%	95%	100%			%68	%56	88%	79%	93%	85%	
FTSE End	2.80	1.60	5.20	2.40	3.60	3.60	3.00	2.80	2.00	1.40	3.20	•	45.60		4.00	3.80	2.40	1.40	2.20	09:0		14.40		4.20	3.00	5.20	2.80	3.40	
FTSE Week 3	4.60	2.00	6.80	2.80	5.80	3.80	3.00	3.40	2.20	2.00	3.60	ecords)	56.20		9.00	9.00	2.40	1.60	2.40	0.60	cords)	17.00		4.40	3.40	09.9	3.00	4.00	
% Cap	%99	40%	%26	40%	%26	%9/	%09	%89	37%	40%	51%	PSY (15 detail records)		%29	125%	125%	%09	40%	%09	15%	SLG (6 detail records)		71%	63%	49%	94%	%09	%08	
Cap	35	25	35	32	30	25	25	25	8	25	35				20	20	20	20	20	70				35	35	35	25	25	
Days	٦	≥	Σ	٣	٣	Ε	≥	≥	⊢	≥	œ	refix' =	Summary	Average	≥	H R	≥	H R	≥	≥	refix' =	Summary	Average	Σ	MWF	٣	≥	-	
Time	9:30	8:00	11:00	17:00	14:00	12:30	14:00	12:30	12:30	14:00	18:30	Summary for 'Prefix' =	Sun	Ave	15:30	10:00	19:00	17:30	17:00	18:30	Summary for 'Prefix' =	Sun	Ave	18:30	8:30	12:30	18:30	18:30	
Site Division Prefix Number	101	101	101	101	205	230	233	236	240	240	240	Summa			101	101	102	102	102	201	Summa			101	101	101	125	130	Monday, October 18, 1999
Prefix	PSY														SLG									SOC					ober I
ivision	L/arts														L/arts									L/arts					¹ay, Ocı
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% Retention	94%	80%	87%			%88	%98	63%	%09	71%	78%	%92	88%	462	62%	100	88%			77%	100	95%	93%			95%	%98	75%
Enroll Wk 3 Enroll End	31	ω	13		145		19	17	15	17	18	16	41	15	ω	თ	7		155		13	12	14		39		19	თ
Enroll Wk	33	0	15		165		22	27	25	24	23	21	16	19	13	თ	ω		207		13	13	15	٠	41		22	12
FTSE Retention	94%	80%	87%			%88	%98	63%	%09	71%	78%	%9 <i>L</i>	88%	79%	62%	100%	87%			77%	100%	95%	93%	•		95%	86%	75%
FTSE End	6.20	1.60	2.60		29.00		5.07	4.53	4.00	4.53	4.80	4.27	3.73	4.00	1.60	2.40	1.40		40.33		2.60	2.40	2.80		7.80		3.80	1.80
FTSE Week 3	6.60	2.00	3.00	cords)	33.00		5.87	7.20	6.67	6.40	6.13	5.60	4.27	5.07	2.60	2.40	1.60	ecords)	53.80		2.60	2.60	3.00	cords)	8.20		4.40	2.40
% Cap	94%	78%	%09	SOC (8 detail records)		%99	88%	108%	100%	%96	85%	84%	64%	%9/	25%	36%	32%	SPA (11 detail records)		75%	25%	87%	100%	SPC (3 detail records)		%08	88%	48%
Cap	35	35	25				25	25	25	25	25	25	25	25	25	25	25	SPA (25	15	15	SPC (25	25
Days	T R	ЧR	œ	efix' =	Summary	rage	≥	≥	≥	٦	H R	≥	H R	ا	Σ	ا	M T W	efix'=	Summary	age.	-	œ	Σ	efix' =	mary	age	œ	≥
Time	11:00	15:30	18:30	Summary for 'Prefix'	Sum	Average	12:30	8:30	15:00	19:00	9:30	9:30	8:30	19:00	18:30	12:30	9:00 MT	Summary for 'Prefix' =	Sum	Average	12:45	18:30	12:30	Summary for 'Prefix'	Summa	Average	18:00	18:00
Site Division Prefix Number	130	140	142	Summ			101	101	101	101	101	102	102	102	131	202	298	Summ			100	100	100	Summ			101	110
Prefix	Soc						SPA														SPC						THR	
ivision	L/arts						L/arts														\/arts						L/arts	
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Monday, October 18, 1999

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% Retention		81%	81%	%56	%29	28%	%9/	64%	%56	%56	100	100			83%	100	%76	%62	%6 2	73%	100			81%	%99	
Enroll Wk 3 Enroll End	28	2240	6477	19	4	=	19	7	18	18	7	20		133		4	12	15	. 15	1	7		74		15	
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FTSE Retention		81%	81%	82%	%19	28%	%92	64%	82%	82%	100%	100%			83%	100%	95%	%62	462	73%	100%			87%	26%	
FTSE End	5.60		4 4 4 7 7	5.07	3.73	2.93	5.07	1.87	4.80	4.80	1.87	5.33		35.47		2.80	2.40	4.00	4.00	2.93	1.87		18.00		4.00	
FTSE Week 3	cords) 6.80	6.47.67	76.740	5.33	5.60	5.07	6.67	2.93	5.07	5.07	1.87	5.33	cords)	42.93		2.80	2.60	5.07	5.07	4.00	1.87	ecords)	21.40		7.20	
% Cap	Summary for 'Prefix' = THR (2 detail records) Summary 6	%89	74%	83%	88%	%62	104%	46%	%62	%6/	29%	83%	BIO (9 detail records)		75%	28%	54%	%6/	%6/	63%	78%	CHM (6 detail records)		%09	108%	
Cap	THR	ords)		24	24	24	24	24	24	24	24	24				24	24	24	24	24	24	CHM			25	
Days	for 'Prefix' = Summary	Average 56 detail rec	Summany Average	٦ م	MWF	¥	ا	H R	≥	ا	N N	A R	efix'=	Summary	age.	<u>ہ</u>	٦	H R	٦	≥ ≥	≥ ≥	efix' =	Summary	Average	o ≥ ×	
Time 1	ry for 'Pri Sum	Aver: (156 de	Average	19:00	8:00	10:00	14:00	8:00	12:00	12:00	8:00	14:00 MRF	Summary for 'Prefix' =	Sum	Ave	8:00	17:30	10:00	10:00	14:00	10:00	ny for 'Pı	Sum	Ave	15:00	
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refix ^		ivision		910												MH									GEO	ber 18
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% Retention	74%		65%	%68	74%			81%	95%	%26	91%	. 83%	81%	87%	83%	%68	85%	%29	40%	19%	%62	%76	83%	%56	83%	%29	100
Enroll Wk 3 Enroll End	25	40		25	25		20		22	37	31	25	22	27	13	17	29	18	80	က	=	22	26	18	24	12	Ξ.
Euroll Wk	34	61		28	34		62		24	38	34	30	27	31	14	19	34	59	20	.16	14	24	28	19	29	18	Ξ
FTSE Retention	74%		%59	89%	74%			81%	92%	%26	91%	83%	81%	87%	93%	86%	85%	62%	40%	19%	%62	95%	93%	85%	83%	%29	100%
FTSE End	5.00	9.00		6.67	6.67		13.33		5.87	9.87	8.27	6.67	5.87	7.20	2.60	3.40	7.73	4.80	2.13	0.80	2.93	5.87	6.93	3.60	8.00	4.00	3.67
FTSE Week 3	6.80	cords) 14.00		24 117% 7.47	9.07	cords)	16.53		6.40	10.13	9.07	8.00	7.20	8.27	2.80	3.80	9.07	7.73	5.33	4.27	3.73	6.40	7.47	3.80	9.67	6.00	3.67
Cap % Cap	35 97% 6	(2 detail re	103	117%	142%	(2 detail re		129	120%	152%	136%	120%	135%	124%	26%	%9/	136%	116%	80%	64%	26%	%96	112%	%9/	116%	72%	44%
Cap	35	GEO		24	24	979			20	25	25	25	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Days	≥	efix'= mary		∑	H R	efix' =	mary	.age	T R	TR	≥	MWF	T R	≥	∑	T R	≥	TR	T R	MWF	TR	T R	∑	œ	ΜWF	T R	≥
Time	9:30	Summary for 'Prefix' = Summary	Average	19:00	9:00	ary for 'Pr	Summary	Average	14:00	15:30	9:00	11:00	11:00	18:00	12:30			12:30	8:00		15:30	9:00	19:00	12:30		17:30	18:30
umber	133	Summ		9	9	Summ			121	121	121	121	121	121	131	142	151	151	151	151	151	151	151	160	187	187	212
refix A	GEO			GLG					MAT																		
Site Division Prefix Number	Flag mat/sci (Flag mat/sci (ı				Flag mat/sci	1																	

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Enron Ena	14	ω	-	21	6	13	17	23	17	21 .	520:		16		91		7	10	15		36		15	=======================================	15	4	14
Enroll WK 3 Enroll End	15	12	-	. 23	6	24	19	24	18	59	633		48		18		13	12	12		40		52	15	70	19	19
r ISE Retention	83%	%29	100%	91%	100%	54%	86%	%96	94%	72%		82%	88%			%68	85%	83%	100%			%68	%89	73%	75%	74%	74%
FISE End	4.67	2.67	0.13	4.20	1.80	3.47	4.53	6.13	4.53	5.60	137.93		3.20		3.20	٠	1.47	1.33	3.00		5.80		3.00	2.93	4.00	3.73	3.73
r ISE Week 3	5.00	4.00	0.13	4.60	1.80	6.40	5.07	6.40	4.80	7.73	records) 168.73		3.60	cord)	3.60		1.73	1.60	3.00	scords)	6.33		4.40	4.00	5.33	5.07	5.07
% Cap	%09	48%	100%	95%	36%	%96	%92	%96	72%	116%	MAT (29 detail records) 168.	95%	15%	Summary for 'Prefix' = NTR (1 detail record)		75%	%59	%09	43%	Summary for 'Prefix' = NUR (3 detail records)		26%	95%	63%	83%	%62	%62
Cub	25	25	-	25	25	25	25	25	25	25	MAT		24	NTR			20	20	35	NUR			24	24	24	24	24
Days	MWF	H R	H R	≥	ш	ا	MWF	H R	≥	≥ ≥	for 'Prefix' = Summary	rage	œ	refix' =	ımary	Average	Σ	≥	H R	refix' =	ımary	rage	٦ ٦	MWF	ا	≥	≥
Time	9:00	9:00	12:00	14:00	8:00	12:00	9:30	17:50	16:00		Summary for 'Prefix' = Summary	Ave	18:00 R	ary for 'P	Sun	Ave	15:30	17:00	20:00 TR	ary for 'F	Sun	Ave	13:00	13:00	18:00 T.R	18:00	18:00
Number	220	230	298	22	55	87	87	87	87	87	Summ		135	Summs			200	200	206	Summs			101	112	141	180	180
Prefix	MAT												NTR				NUR						PHY				
Site Division Prefix Number	Flag mat/sci	ı						٠					Flag mat/sci				Flag mat/sci						Flag mat/sci	•			

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% Retention	100		77% 94%		94%	82%	%59	54%	84%	85%	%68	%82	84%	100			80%	62%	62%			62% 100	Pa	
Enroll Wk 3 Enroll End	7	92	91	16	961		=	41	16	17	17	18	16	7		116		13	13		26	21		
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FTSE Retention	100%		77% 94%		94%	82%	65%	54%	84%	85%	%68	78%	84%	100%			%08	62%	62%			62% 100%		
FTSE End	1.40	18.80	3.20	3.20	244.73		3.67	2.80	3.20	3.40	3.40	3.60	3.20	1.40		24.67		2.60	2.60		5.20	4.20		
FTSE Week 3	1.40	cords) 25.27	3.40 cord)	3.40	302.20		5.67	5.20	3.80	4.00	3.80	4.60	3.80	1.40	cords)	32.27		4.20	4.20	cords)	8.40	4.20		
% Cap	29%	Summary for 'Prefix' = PHY (6 detail records) Summary 25	71% 25 68% POS (1 detail record)		%89	83%	%89	104%	%9/	%08	%9/	95%	%9/	28%	Summary for 'Prefix' = ACC (8 detail records)		75%	88%	88%	Summary for 'Prefix' = AHS (2 detail records)		88% 84%		
Cap	24	PHY			cords)		25	25	25	25	25	25	25	25	ACC			24	24	AHS		25		
Days	Σ	or 'Prefix' = Summary	Average :00 W for 'Prefix' =	Summary	Average '59 detail rec Summary	rage	≥	Σ	٦	H R	≥	≥	≥	≥	efix' =	Summary	age.	щ	щ	efix'=	Summary	age T		
Time	8:30	nary for 'Pl Sum	Average 222 19:00 W Summary for 'Prefix' =	Sum	Ave Vsci (59 de Sum	Average	18:30	18:30	13:00	10:00	17:00	18:30	14:00	17:00	ary for 'Pr	Sum	Average	15:30	15:30	ary for 'Pr	Sum	Average 18:00 T		
Vumber	262	Sumn	222 Sumn		ı'= mal		9	101	101	5	101	102	102	109	Summ			131	131	Summ		101	6661	
Prefix 1	PHY		Pos		'Divisior		ACC											AHS				AJS	ober 18,	
Site Division Prefix Number	Flag mat/sci		Flag mat∕sci		Average Summary for 'Division' = mat/sci (59 detail records) Summary		Flag occ/vo ACC											Flag occ/vo AHS				Flag occ/vo	Monday, October 18, 1999	Ç •

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Enroll Wk 3 Enroll End	12	13	16		62		15	16		31		. 26	12	21	10	20	22	22	16	48	27		194		19	20	13	23	
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FTSE End	2.40	1.60	2.20		10.40		2.40	2.20		4.60		4.00	2.00	3.60	2.00	4.00	3.60	2.60	3.20	3.20	4.80		33.00		2.40	2.53	1.20	1.47	
FT					10					4		1											33						
Veek 3	2.40	2.60	3.20		0		8	3.20		0		20	2.40	20	2.00	4.00	64	64	3.20	90	5.40		9		53	2.67	73	3.07	
FTSE Week 3	5	2	က	ords)	12.40		ω	က	ords)	6.20		κ	2	4	2	4	. 4	4	κi	κi	Ċ	cords)	38.80		2.	2	-	છ	
% Cap	%8	. %2%	%4%	etail rec		%	%09	107%	etail rec	Summary 6.	3%	04%	48%	34%	%Ot	80%	88%	88%	%4%	72%	%80	BUS (10 detail records)		%	%6,	83%	2%	35%	
Cap %	řů 1	č.	35	IS (4 d		9		15 1	/T (2 d		œ	25 1	25 4	25 8	25 ,	25 8	25	25	25 (S.	2	JS (10			4		25 (25 (
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Time	18:00	14:30	8:00	ary for	ร	Ā	18:30	18:30	ary for	ร	¥	13:00	18:30	9:00	13:00	16:00	18:30	18:00	10:00	18:30	17:00	ary for	ร	Ā	8:00	12:00	17:00	19:00	
Site Division Prefix Number	200	220	280	Sumn	Summary 12.4		131	132	Sumn			9	105	111	200	204	207	213	214	214	232	Sumn	Summary		102	102	102	102	, 1999
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% Retention	81%	84%	77%	47%	85%	100	100	100	94%	492	63%	83%	74%	%06	83%	%9/	100	%02	21%	78%	%68	%89	88%	94%	%88	%06	%06
Enroll Wk 3 Enroll End	13	16	17	7	12	17	19	80	15	19	10	25	20	19	20	19	23	7	12	14	17	15	14	17	7	6	თ
Enroll Wk 3	16	19	22	15	13	17	19	ω	16	25	16	27	27	21	24	25	23	9	21	18	19	. 22	16	18	œ	9	9
FTSE Retention	81%	84%	%22	47%	95%	100%	100%	100%	94%	492	63%	93%	74%	. %06	83%	76%	100%	%0 2	21%	78%	89%	%89	87%	94%	88%	%06	%06
FTSE End	1.73	2.13	2.27	0.93	0.80	1.13	1.27	0.53	1.00	3.80	2.00	5.00	4.00	3.80	4.00	3.80	4.60	1.40	1.60	1.87	2.27	3.00	2.80	2.27	0.93	1.20	1.20
FTSE Week 3	2.13	2.53	2.93	2.00	0.87	1.13	1.27	0.53	1.07	5.00	3.20	5.40	5.40	4.20	4.80	5.00	4.60	2.00	2.80	2.40	2.53	4.40	3.20	2.40	1.07	1.33	1.33
% Cup	%29	%62	95%	63%	54%	71%	%62	32%	64%	100%	64%	108%	108%	84%	%96	100%	95%	40%	88%	75%	%62	95%	%29	75%	33%	45%	45%
Cap	24	54	24	24	24	24	24	25	25	25	25	25	25	25	25	25	25	25	24	24	54	54	54	24	24	54	24
Days	≥	Σ	-	≥	S	œ	-	œ	-	≥	≥	-	Σ	Σ	-	œ	œ	щ	Σ	≥	œ	≥	T R	œ	≥	≥	≥
Time	19:30	8:00	19:00	14:30	14:30	18:00	12:00	18:00	12:00	13:00	8:00	10:00	17:30	8:00	18:00	14:00	18:30	8:00	10:00	9:00	8:30	18:00	10:00	10:00	18:00	17:00	17:00
efix Number	CIS 112	112	112	112	115	115	115	115	115	120	120	120	120	120	120	120	120	120	122	123	124	125	220	223	223	224	224
Site Division Prefix Number	Flag occ/vo C	•																									

Monday, October 18, 1999

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% Retention		82%	%0			%0	707.0	04%	%06	28%	95%	82%	95%	%09	100			82%	88%	89%	88%	%96	%96			91%	80%	%68		
Enroll Wk 3 Enroll End	457		0		0		Ų	2 (ח	7	23	18	7	က	5		92		23	16	22	23	23		107		20	24	•	
Enroll Wk 3	260		-		1		ç	n (2	12	25	22	12	ις	S.		110		56	18	25	54	24		117		22	27		
FTSE Retention		82%	%0			%0	040	° 100	%08 6	28%	95%	82%	95%	%09	100%			82%	88%	%68	88%	%96	%96			91%	%08	%68		
FTSE End	68.93		0.00		00.0		6	0.40	 	1.40	4.60	3.60	2.20	09.0	1.00		18.40		4.60	3.20	4.40	4.60	4.60		21.40		4.00	4.80		
FTSE Week 3	cords) 85.53		0.20	cord)	0.20		C a c	9 6	2.00	2.40	5.00	4.40	2.40	1.00	1.00	cords)	22.00		5.20	3.60	5.00	4.80	4.80	cords)	23.40		5.00	5.40		
% Cup	Summary for 'Prefix' = CIS (31 detail records) Summary 85	74%	100%	Summary for 'Prefix' = COE (1 detail record)		100	%001	200	02%	20%	104%	95%	20%	21%	21%	DFT (8 detail records)		%19	104%	72%	100%	%96	%96	ECN (5 detail records)		94%	100%	108%		
Cap	CIS (-	COE		•	9	2 5	2 (74	24	24	24	24	24				25	25	25	25	25				25	25		
Days	or 'Prefix' = Summary	Average		efix'=	Summary	Average	۵	+ ۲	- (ဟ	-	⊢	≥ Σ	T.R	Σ	efix' =	Summary	Average	H R	-	H R	≥	≥	efix' =	Summary	Average	Σ	≥		
Time	ary for 'Pı Sum	Ave		ary for 'PI	Sum	Ave	ά.	2 6	0.00	9:00	18:00	8:00	8:00	16:00	18:00	Summary for 'Prefix' =	Sum	Ave	9:00	18:30	17:00	10:00	10:00 M W	Summary for 'Prefix' =	Sum	Ave	18:00	14:00		
'umber	Summ		298	Sumn			125	2 4	- ·	150	150	150	200	250	260	Summ			204	204	205	205	205	Summ			200	200	6661	
Prefix ^			COE				Į	-											ECN								EDO		ober 18,	
Site Division Prefix Number Time Days			Flag occ/vo				Flag occivo												Flag occ/vo								Flag occ/vo		Monday, October 18, 1999	

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% Retention	%88		85% 93%			93%	%62	%56	100	%06	100			93%	100	100	100			100%	100	100			100%	100		
Enroll Wk 3 Enroll End	7	51	41		14		19	19	20	18	19		95		41	4	18		46		6	80		17		9		
Enroll Wk 3	&	09	15		15		54	. 50	20	20	19		103		14	14	18		46		6	80		17		16		
FTSE Retention	87%		85% 93%			93%	%62	95%	100%	%06	100%			93%	100%	100%	100%			100%	100%	100%			100%	, 100 1		
FTSE End	1.40	10.20	1.87		1.87		3.80	8.87	9.33	8.40	2.53		32.93		2.80	2.80	3.60		9.20		1.80	1.60		3.40		3.20		
FTSE Week 3	1.60	cords) 12.00	2.00		2.00		4.80	9.33	9.33	9.33	2.53	cords)	35.33		2.80	2.80	3.60	cords)	9.20		1.80	1.60	cords)	3.40		3.20		
% Cap	250 FS 25 32% 1.	(3 detail re	80% 94%	Summary for 'Prefix' = ELT (1 detail record)		94%	100%	100%	100%	100%	%56	Summary for 'Prefix' = EMS (5 detail records)		%66	%95	%95	72%	Summary for 'Prefix' = FSC (3 detail records)	ė	61%	36%	32%	Summary for 'Prefix' = HRM (2 detail records)		34%	64%		
Cap	25	EDU	9	ELT	_		24	20	20	20	20	EMS	_		25	25	25	FSC	_		25	. 25	HRM	_		25		
Days	ъ	for 'Prefix' = Summary	Average	refix'=	Summary	Average	×	≥	Η	-	S	refix'=	Summary	Average	-	œ	Σ	refix'=	Summary	Average	-	∑	refix' =	Summary	Average	-		
Time		ary for 'P Sun	Ave 19:00	ary for 'P	Sun	Ave	12:30	18:00 M W	18:00	20:00	8:00	ary for 'P	Sun	Ave	18:30	18:00	18:30	ary for 'P	Sun	Ave	18:30 T	18:30	ary for 'P	Sun	Ave	18:00		
Vumber	250	Summ	150	Summ			100	131	131	131	211	Summ			235	236	238	Summ			100	220	Sumn			140	8, 1999	
Prefix	EDU		ELT				EMS								FSC						HRM					1	ober 18	
Site Division Prefix Number Time Days	Flag occ/vo EDU		Flag occ/vo				Flag occ/vo								Flag occ/vo FSC						Flag occ/vo HRM	,				Flag occ/vo ITC	Monday, October 18, 1999	

% Retembor	100	83%	42%	100	100	100	100	95%	83%	82%	100	82%	44%			81%	%86	94%			83%	85%	%68	%29	100	100	100	100	
Enron End	15	13	2	2	2	9	9	1	10	6	9	6	7		123		13	15		28		=	17	80	&	_	4	က	
Enrou Wk 3 Enrou End	15	4	12	S	ഗ	9	9	12	12	. .	9	=	16		147		4	16		30		13	19	12	∞	~	4	က	
r i se ketennon	100%	93%	42%	100%	100%	100%	100%	95%	83%	82%	100%	82%	44%			87%	83%	94%			93%	85%	89%	%29	100%	100%	100%	100%	
r ise end	1.00	0.87	0.67	0.33	0.33	0.40	1.20	2.20	2.00	1.80	1.20	1.20	0.93		17.33		2.60	3.00		5.60		0.73	1.13	1.60	1.60	0.20	0.80	09.0	
FTSE Week 3	1.00	0.93	1.60	0.33	0.33	0.40	1.20	2.40	2.40	2.20	1.20	1.47	2.13	scords)	20.80		2.80	3.20	cords)	9.00		0.87	1.27	2.40	1.60	0.20	0.80	0.60	
% Cap	75%	78%	%29	28%	28%	33%	30%	%29	%29	61%	30%	61%	64%	ITC (14 detail records)		24%	78%	%68	2 detail re	Summary	83%	54%	%62	20%	33%	%/	33%	25%	
Cap	20	18	18	8	18	18	20	18	18	18	20	18	25	17C (1			18	18	MIT			24	24	24	24	15	12	12	
Days	Σ	Σ	Σ	≥	≥	≥	Σ	S	S	S	œ	S	Σ	refix' =	ımary	rage	3:00	≥	refix' =	nmary	rage	₽	7:00 M	H R	H R	-	Σ	≥	
lime	18:00	18:00	18:00	18:00	18:00	18:00	18:00	8:00	8:00	8:00	18:00	13:00	18:30	Summary for 'Prefix' = 11	Sun	Ave	18:00	18:00	ary for 'F	Sun	Ave	13:00	17:00	17:00	11:00	12:00	16:00	16:00	
Vumber	150D	150E	150F	160D	160E	160F	185	185	185	185	210	298	298	Summ			140	141	Summ			100	9	110	210	225	230	240	
Prefix	110																ΜI					OIS							
Site Division Prefix Number	Flag occ/vo																Flag occ/vo	,				Flag occ/vo)						

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% Retention	%08	100	%0			91%	%2		77%		85%		82%	100		400%			100%	75%	,		75%
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Enroll Wk 3 Enroll End	4	4	O		69		17	17	•	1498		4708		9	9			9		6		თ	
Enroll Wk	2	4	10		62		52	22		1786		5730		9	9			9	•	12		12	
FTSE Retention	80%	100%	%06			91%	%22		%22		. 85%		82%	100%		100%	800		100	75%			75%
FTSE End	0.80	0.53	1.20		9.20		3.40	3.40		279.73		970.67		1.20	1.20			1.20		1.20		1.20	
FTSE Week 3	1.00	0.53	1.33	cords)	10.60		4.40	cord) 4.40		332.93		1182.80		1.20	cord) 1.20			1.20		1.60	ord)	1.60	
% Cup	21%	27%	%29	Summary for 'Prefix' = OIS (10 detail records)		40%	88%	Summary for 'Prefix' = RES (1 detail record) Summary	%88		%02		74%		Summary for 'Prefix' = MAT (1 detail record) Summary					20%	Summary for 'Prefix' = CIS (1 detail record)		%09
Cap	24	15	15	OIS (1			22	RES (ecords)					MAT (rd)			24	CIS (1		
Days	-	-	-	refix' =	Summary	Average	Σ	refix'= ımary	Average	detail i ımary	Average	cords) mary	Average	≷	for 'Prefix' = Summary	9000	Average '1 detail reco	ımary	Average	Σ	refix' =	Summary	Average
Time Days	12:00	20:50	19:00	ary for 'P	Sun	Ave	18:30 M	ary for 'F Sun	Ave	voc (112 Sun	Ave	detail re Sum	Avei	18:00 W	ary for 'F Sun	, v. v	sci (1 de	Sun	Ave	18:00	ary for 'P	Sun	Ave
Vumber	242	298	298	Summs			102	Summs		Summary for 'Division' = occ/voc (112 detail records) Summary		Summary for 'Site' = Flag (327 detail records) Summary		55	Summ		n' = mat/.	Summary		102	Summ		
Prefix /	OIS						RES			'Divisior		ite' = F		MAT			Divisior			CIS			
Site Division Prefix Number	Flag occ/vo						Flag occ/vo	•		nary for		ary for 'S		G C mat/sci MAT			nary for '			G C occ/vo			
Site D	Flag						Flag			Sumn		Summs		GC			Sum			၁			

Site Division Prefix Number Time	Vumber		Days Cap	, % Cup	FTSE Week 3	FTSE End	FTSE Retention	Enroll Wk 3 Enroll End	Enroll End	% Retention	
Summary for 'Division' = occ/voc (1 detail record) Summary	1' = occ/	voc (1 del Sum	(1 detail record) Summary		1.60	1.20		12	6		
	9	Average	rage	20%			75%			75%	
Summary for Site = G C (2 detail records) Summs	9 C (Z de	rail records) Summary	os) mary		2.80	2.40		18	15		
		Average	age	20%			%88			88%	
NAU L/arts ENG	100X	9:10 MWF	MWF 22	2 73%	3.20	3.20	100%	16	16	100	
	Summ	ary for 'Pr Sum	for 'Prefix' = EN Summary	Summary for 'Prefix' = ENG (1 detail record) Summary	ecord) 3.20	3.20		16	16		
		Average	rage	73%			100%			100%	
Summary for 'Division' = L arts (1 detail record) Summary	n' = <i>Uan</i>	ts (1 detai Sum	detail record) Summary		3.20	3.20		91	16		
		Ave	Average	73%			100			100%	
NAU mat/sci MAT	101X	9:35	TR 25	5 100%	5.00	4.40	%88 %	25	22	. %88	
	101X	10:20 N	MWF 25		3.40	2.60	%92	17	13	%92	
	102X	11:30 N	MTW 25	2 76%	5.07	3.20	63%	19	12	63%	
	102X	15:00	M W 25		5.87	4.27	73%	22	16	73%	
	102X	18:00	M W 25		3.20	2.93	95%	12	11	85%	
	102X	17:40	TR 25		6.13	4.53	74%	23	17	74%	
	102X	13:50	MTW 2	25 64%	4.27	4.00	94%	16	. 15	94%	
	102X	12:40	MTW 25		6.13	5.87	%96	. 23	22	%96	
	102X	10:20	MTW 25		6.40	5.33	83%	24	20	83%	
	102X	9:10	MTW 25		2.40	1.87	78%	თ	7	78%	
	102X	8:00	MTW 2	25 80%	5.33	3.73	%02	20	14	%02	
	102X	16:00 TR		25 52%	3.47	3.20	95%	13	12	95%	
	Summ	ary for 'Pı Sum	or 'Prefix' = M/ Summary	Summary for 'Prefix' = MAT (12 detail records) Summary 56.	records) 56.67	45.93		223	181		
		Ave	Average	74%			82%			82%	
Monday, October 18, 1999	3, 1999	•								Pa	Page 19 of 26
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% Retention	%29	61%	%26	100	100			85%	83%		84%	75%			75%	100			91%			100%	33%		
Enroll Wk 3 Enroll End	10	=	28	29	29		107	288		304		9		9	6	6		28	-	-			-		•
Enroll Wk	15	18	59	53	53	;	120	343		359		80		80	23	6		32	· —	-			ო		
FTSE Retention	%29	61%	%26	100%	100%			85%	83%		84%	75%			75%	100%			91%			100%	33%		
FTSE End	2.00	2.20	3.73	3.87	3.87	!	15.67	61.60		64.80		1.20		1.20	3.80	1.20		5.00	0.07	200	; ;		0.07		
FTSE Week 3	3.00	3.60	3.87	3.87	3.87	cords)	18.20	74.87		78.07		1.60		1.60	4 60	1.20	ords)	5.80	0.07	0	; ;		0.20		
, Cap	75%	%06	%26	%26	%26	Summary for 'Prefix' = NUR (5 detail records)		91%	. %62		%62	32%	Summary for 'Prefix' = ANT (1 detail record)		32%	%09	Summary for 'Prefix' = ART (2 detail records)		7 <i>6%</i> 100%	Summary for 'Prefix' = DAN (1 detail record) Summary		90 %	75%		
Cap	20	20	8	30	30	NUR		cords)				25	ANT (25	15	ART (DAN			4		
Days	Σ	-	-	-	-	efix' =	Summary	Average '17 detail red Summary	rage	ords) mary	age	Σ	efix' =	Summary	rage M	. ≥	efix' =	Summary	rage T	for 'Prefix' = Summary		age	≥		
Time	17:00	14:00	8:00	17:00	10:00	nary for 'Pr	Sum	Average Summary for 'Division' = mat/sci (17 detail records) Summary	Average	Summary for 'Site' = NAU (18 detail records) Summary	Average	19:00	nary for 'Pr	Sum	Average	19:00	nary for 'Pr	Sum	Average 9:00 T	nary for 'Pr		Average	17:00		
'umber	110	110	222	222	222	Sumn		' = ma		AU (18		102	Sumn		9	298	Sumn		298	Sumn			020	1999	
Prefix A	NUR							Division		ite' = A		ANT			TAR	;			DAN				ENG	ber 18,	
ision								ary for		y for 'S														y, Octe	
Site Division Prefix Number	NAU mat/sci							Summe		Summar		Page L/arts			Dage 1 /are) D D			Page Larts)			Page L/arts	Monday, October 18, 1999	135

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% Retention	%09	33%	100	20%	26%	21%	94%	%62	%29	%56	%06			%89	100			100%	%29			%29	%68			%68	91%
oll End	ဗ	-	3	-	2	4	16	11 '	80	21	6	ç	ğ		12		12	;	2	ά	9		17		17		10
Enroll Wk 3 Enroll End	5	ღ	က	2	6	7	17	14	12	22	10	7	/0/		12		12		27	7.0	17		19		19		7
FTSE Retention	%09	33%	100%	20%	26%	21%	94%	%62	%29	%56	%06			%89	100%			100%	%29			%29	%68			%68	91%
FTSE End	0.20	0.07	0.20	0.07	1.00	0.80	3.20	2.20	1.60	4.20	1.80		15.40		3.20		3.20		3.60	09 6	3.00		1.13		1.13		0.67
FTSE Week 3	0.33	0.20	0.20	0.13	1.80	1.40	3.40	2.80	2.40	4.40	2.00	ecords)	19.27		3.20		3.20		5.40	_	5.40		1.27	cord)	1.27		0.73
% Cap	125%	75%	75%	20%	36%	28%	%89	%95	48%	100%	40%	ENG (12 detail records)		%59	48%	Summary for 'Prefix' = FRE (1 detail record)		48%	108%	Summary for 'Prefix' = HIS (1 detail record)		108	127%	Summary for 'Prefix' = MUP (1 detail record)		127	44%
Cap	4	4	4	4	25	25	25	25	25	22	25				25	FRE (25	HIS (15	MUP			25
Days	≥	≥	≥	≥	×Μ	≥	H R	≥	⊠	MTR	H R	efix' =	Summary	Average	≥	efix' =	Summary	Average	<u>۳</u>	efix'=	Пагу	Average	≥	efix' =	mary	rage	ا ۳
Time	17:00	17:00	17:00	17:00	19:00	16:00	13:00	19:00	17:30			Summary for 'Prefix' =	Enc	Ave	11:30	ary for 'Pı	Sum	Ave	19:00	ary for 'PI	Enc	Ave	20:00	ary for 'Pı	Sum	Aver	8:00
Site Division Prefix Number	021	023	024	025	090	100	101	101	102	102	237	Summ			102	Summ			132	Summ			107	Summ			298
Prefix .	ENG														FRE				SH				MUP				PHE
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% Retention		91% 90%		<i>90%</i> 100		100% 100		, 100% 89%		%68		79% 78%		78% 64%	100	
Enroll Wk 3 Enroll End	10	18	18	21	21	12	12	24	24		250	2		თ	7	
Enroll Wk	11	20	20	21	21	12	12	27	27		297	თ	თ	4	7	
FTSE Retention		91% 90%		90% 100%		<i>100%</i> 100%		100% 89%		%68		79% 78%		78% 64%	100%	
FTSE End	0.67	3.60	3.60	1.40	1.40	2.40	2.40	4.80	4.80		42.47	1.87	1.87	2.40	1.87	
FTSE Week 3	acord) 0.73	4.00	cord) 4.00	1.40	-	2.40	:cord) 2.40	5.40	scord) 5.40	,	50.53	2.40	ord) 2.40	3.73	1.87	
% Cap	= PHE (1 detail record) ry	44% 80%	PHI (1 detail record)	80% 84%	for 'Prefix' = POS (1 detail record) Summary	84% 60%	SLG (1 detail record)	60% 108%	SOC (1 detail record)	108	2	72% 36%	BIO (1 detail record)	36% 56%	28%	
Cap	PHE	25	PHI	25	POS	20		25	soc		rds)	25	B/O (25	25	
Days	or 'Prefix' = Summary	rage M W	refix'= Imary	Average :00 W	refix'= Imary	rage W	for 'Prefix' = Summary	Average :00 TR	for 'Prefix' = Summary	rage	4 detail reco Summary	rage M W	for 'Prefix' = Summary	'age T R	H R	
Site Division Prefix Number Time Days	Summary for 'Prefix' Summa	Average 101 11:30 MW 2	ary for 'P Sun	Average 19:00 W	Summary for 'Prefix' Summa	Average 19:00 W	Summary for 'Prefix' Summai	Average 10:00 TR	Summary for 'Prefix' Summan	Average	Summary for 'Division' = L'arts (24 detail records) Summary	Average 17:00 MW	Summary for 'Prefix' Summar	Average 17:00 TR	17:30	
Vumber	Sumn	101	Sumn	221	Summ	102	Summ	101	Summ		ı'= <i>Ua</i> r	105	Summ	121	131	6661
Prefix		H		POS		SLG		soc			'Divisior	BIO		MAT		Monday, October 18, 1999
vision		/arts		/arts		/arts		/arts			ary for	at/sci		Page mat/sci MAT		y, Oct
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% Retention	100	11.	87% 100		100% 95%	·	95% 82%		82%	90		100%	100	100	100	100	100	100	100
Enroll End	80	114	ω	80	18	18	თ	6	ţ	E	11		က	7	7	4	4	2	2
Enroll Wk 3 Enroll End	ω	133	ω	80	19	19	#	11	*	Ξ	11		က	7	7	4	4	7	7
FTSE Retention	100%		87% 100%		100% 95%		95% 82%		82%	%00L		100%	100%	100%	100%	100%	100%	100%	100%
FTSE End	1.07	16.27	1.60	1.60	3.60	3.60	4.20	4.20		2.20	2.20		0.20	1.40	1.40	0.80	0.80	0.40	0.40
FTSE Week 3	1.07	ords) 19.00	1.60	oord) 1.60	3.80	cord) . 3.80	5.13	cord) 5.13	· · · · · · · · · · · · · · · · · · ·	2.20 2.20	2.20		0.20	1.40	1.40	0.80	0.80	0.40	0.40
Cap % Cap	4 33%	CIS (8 detail records) 1	67% 25 32%	DFT (1 detail record)	32%	EDU (1 detail record) 3.6	76% 25 44%	EMS (1 detail record) 5	44%	25 44% HDM (1 dotail record)	or motor i mi	44%			4 29%		4 17%		4 8%
	W 24	~		~		_					~	بو	1 24	M W 24	M W 24	M W 24	W 24		W 24
Day	18:00 M W	for 'Prefix' = Summary	Average 17:00 MT	for 'Prefix' = Summary	Average	for 'Prefix' = Summary	Average 18:00 TR	for 'Prefix' = Summary	Average	16:00 M W	Summary	Average	Σ					M W	» ™
Time	18:0	Summary for 'Prefix' = Summary	A 17:0	Summary for 'Prefix' = Summary	Aver: 19:00	Summary for 'Prefix' = Summary	A 18:0	Summary for 'Prefix' = Summary	₹ 6	100 16:00 M W Symmon, for 'Drofiy' =	S	⋖	12:30	12:30	12:30	12:30	12:30	12:30	12:30
Vumber	223	Sumn	150	Sumr	200	Sumn	131	Sumr	9	001			100	110	110	130	130	210	210
Prefix /	CIS		DFT		EDU		EMS			X Y I			OIS						
Site Division Prefix Number Time Days	Page occ/vo		Page occ/vo		Page occ/vo EDU		Page occ/vo EMS			Page occ/vo HKM			Page occ/vo						



% Retention		100%	%26	86% 	e 20	85% 83%		83% 100			89% 100		100%	Page 25 of 26
Enroll Wk 3 Enroll End 9	29 29	242 214	1 554	, ,		12 10	12 10	10 10	10 10	35 31	ω ω	89		
FTSE Retention Enro	•	100%	92%	86% 85%		85% 83%		83% 100%		33	89% 100%		100%	
FTSE End	5.40	38.27	106.07	1 47	1.47	2.00	2.00	2.67	2.67	6.13	2.13	2.13		
FTSE Week 3	scords) 5.40	43.33	122.40	1 73	ecord) 1.73	2.40	record) 2.40	2.67	ecord) 2.67	6.80	2.13	ecord) 2.13		
Site Division Prefix Number Time Days Cap % Cap	Summary for 'Prefix' = OIS (7 detail records) Summary 5	Average 17% Summary for 'Division' = occ/voc (23 detail records) Summary	Average 42% Summary for 'Site' = Page (55 detail records) Summary	Average 56%	Summary for 'Prefix' = ART (1 Summary	Average 87% Larts ENG 238 25 48%	Summary for 'Prefix' = ENG (1 detail record) Summary 2.	Average 48% L/arts SPA 102 7:55 M TW 25 40%	Summary for 'Prefix' = SPA (1 detail record) Summary	Average 40% Summary for 'Division' = L'arts (3 detail records) Summary	Average 58% W mat/sci BIO 105 18:00 TR 25 32%	Summary for 'Prefix' = BIO (1 detail record) Summary	Average 32%	Monday, October 18, 1999
Site		Sum	Sumn	×	•	>		>		Sum	>			Mon

% Retention		100%		95%		83%
8 Enroll End	80		39		6810 5633	
Enroll Wk.	80		43	-	1153.93	
FTSE Retention Euroll Wk 3 Euroll End		700 %		95%		83%
FTSE End	2.13		8.27		1397.53	
FTSE Week 3	2.13		8.93		Overall Summary 1397.53	
% Cap		32%		52%	Ó	72%
Cap	record)	•				
Days	tail reco	Average	ecords) Summary	rage		es.
Time	ici (1 detail Summ	Ave	record: Sum	Average	otal	Averag
îx Number	ision' = mat/s		= W (4 detai		Grand Total	Overall Average
Site Division Prefix Number Time Days Cap % Cap	Summary for 'Division' = mat sci (1 detail $summ$		Summary for 'Site' = $W(4 \text{ detail records})$		Grand Total	

% Retention	86	88			% 28		% 28		% 28	80	86	94	100	100			% 26	88	83	87	88	22	69	92
Enroll Wk 3 Enroll End	12	7		19		19		19		12	31	16	13	17		89		14	25	27	14	80	7	12
	4	œ		22		22		22		15	36	17	13	17		86		16	92	31	16	14	16	13
FTSE Retention	86	88			% 28		% 28		% 28	93	92	100	100	100			% 26	88	100	94	94	100	96	100
FTSE End	1.60	0.93		2.53		2.53		2.53		2.40	6.20	3.20	2.60	3.40		17.80		2.80	5.00	5.40	2.80	1.60	2.20	2.40
FTSE Week 3	1.87	1.07	ords)	2.93		2.93		2.93		3.00	7.20	3.40	2.60	3.40	cords)	19.60		3.20	9.00	6.20	3.20	2.80	3.20	2.60
Cap % Cap	93	40	Summary for 'Prefix' = CIS (2 detail records)		% 29		% 29		% 29	43	103	49	37	25	ANT (5 detail records)		% 89	53	100	103	107	93	107	87
Cap	15	2	CIS (ords)					35	35	35	35	3				30	3	30	15	15	15	15
Days	ţ	ţ	refix' =	Summary	Average (2 detail rec	Summary	Average	records) Summary	age.	¥	÷	m w f	_	ţ	refix' =	Summary	Average	m w f	≽ ¥	ţ	÷	‡	¥	× ×
Time	13:00	14:30	ny for 'P	Sun	Ave	Sun	Ave	Sum	Average	9:30	11:00	8:30	18:30	15:00	Summary for 'Prefix' =	Sun	Ave	8:00	14:00	11:00	11:00	18:00	8:00	11:00
Number	122	122	Summe		n' = occ/		:	SN (2 deta		101	102	102	110	241	Summa			100	100	100	110	110	110	114
Prefix .	CIS				Divisio) = .		ANT								ART						
Site Division Prefix Number	occ/vo				Average Summary for 'Division' = occ/voc (2 detail records)		,	Summary for 'Site' = CN (2 detail records) Summa		Flag L/arts. ANT								Flag L/arts						
Site	S				Sum		(Sumr		Flag								Flag						

Retention Results Fall 1998

																													Page 2 of 24
% Retention	82	43	93	82	71	100			% 62	52	84	100	100			84 %	69	71	100			% 08	84			84 %	63	06	
Enroll Wk 3 Enroll End	18	က	13	18	12	ဗ		178		12	26	æ	1		25		6	10	-		20		21		21		10	თ	
Euroll Wk.	22	7	14	22	17	က		221		23	31	80	7		73		13	4	-		28		25		25		16	10	
FTSE Retention	100	100	93	82	82	100			94 %	78	100	100	100			% 56	69	62	100			83 %	96			% 96	81	06	
FTSE End	3.60	09'0	2.60	3.60	2.40	09:0		35.60		2.40	5.20	1.07	0.73		9.40		1.20	2.00	0.07		3.27		4.20		4.20		2.00	1.80	
FTSE Week 3	150 14:00 tr 25 88 4.40	1.40	2.80	4.40	3.40	09.0	ecords)	44.20		4.60	6.20	1.07	0.73	cords)	Summary 12.60			2.80		cords)	4.60		5.00	cord)	2.00		3.20	2.00	
% Cap	88	47	93	73	24	20	(13 detail r		% 62	99	83	59	39	(4 detail re		% 55	92	20	100	Summary for 'Prefix' = DAN (3 detail records)		% 82	83	Summary for 'Prefix' = EDU (1 detail record)		83 %	64	40	
Cap	25	15	15	30	30	15	: ART	_		35	35	28	28	000	_		20	20	-	DAN	_		30	EDU	_		25	25	
Days	÷	_	ĕ	÷	-	ĕ	refix' =	Summary	Average	÷	× ×	-	-	refix' =	nmar	Average	¥	+	+	refix' =	Summary	Average	≥	refix' =	Summary	Average	+	-	
Time	14:00	19:30	18:00	9:30	19:00	11:00	ary for 'F	San	Av	9:30	15:30	18:30	18:30	ary for "	Sm	Av	9:00	8:00	9:00	ary for 'F	Sur	Av	14:00 mw	ary for 'F	Sur	Av	18:00	18:00	2
Vumber	150	151	194	201	201	214	Summ			102	102	131	132	Summ			120	250	298	Summs			200	Summs			029	030	Wednesday, October 13, 1999
Prefix /	ART									00							DAN						EDO				ENG		October
Site Division Prefix Number	L/arts									L/arts							L/arts						L/arts				L/arts		esday, C
Site D	Flag									Flag							Flag						Flag 1				Flag		Wedn

2																													Pa
// weremon	75	78	89	77	83	75	65	96	88	73	93	84	88	84	85	100	61	93	86	. 63	95	85	85	78	29	74	82	75	
	6	7	15	20	15	12	1	25	16	16	56	21	14	21	T	20	17	26	9	5	18	23	22	14	ω	20	18	15	-
	12	6	25	56	18	16	17	56	18	22	58	25	16	25	13	20	78	78	7	80	19	27	56	18	12	27	22	20	
Top versum	92	78	92	85	100	75	100	96	94	73	96	100	100	100	100	100	89	96	100	88	95	85	85	83	100	93	82	75	
	1.80	0.47	3.00	4.00	3.00	2.40	2.20	5.00	3.20	3.20	5.20	4.20	2.80	4.20	2.20	4.00	3.40	5.20	1.20	1.00	3.60	4.60	4.40	2.80	1.60	4.00	3.60	3.00	
	2.40	09:0	5.00	5.20	3.60	3.20	3.40	5.20	3.60	4.40	5.60	5.00	3.20	5.00	2.60	4.00	5.60	5.60	1.40	1.60	3.80	5.40	5.20	3.60	2.40	5.40	4.40	4.00	
4.5.2.	48	4	100	104	72	64	89	104	06	88	112	100	9	100	29	80	112	112	28	32	9/	108	104	72	48	108	88	80	
	25	20	25	52	52	22	25	25	20	22	22	22	22	25	22	25	25	25	25	25	22	22	22	22	2 2	25	25	25	
	>	۰	+	¥	_	>		<u>+</u>	>	≥	≥	ţ	-	•	_	≥	≥	-	s	+	≥	Ţ	‡	-	s	≥	‡	ţ	
}	18:00	9:00	15:00	11:00	18:00	18:00	13:00	11:00	18:00	17:30	9:30	11:30	17:30	9:00	17:30	11:30	10:00	9:00	9:30	9:00	9:00	17:30	13:30	13:00	9:30	12:30	12:30	9:00	e
	031	020	090	090	090	100	100	100	101	101	101	101	101	101	101	101	101	101	101	101	102	102	102	102	102	102	102	102	1000
The same of the sa	ENG																												1000
	L/arts																												, , , ,
1	Flag																												11/2/11



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Pa	

% Retention	78	88	80			% 08	82	. 93	. 22	. 82	83	65	75	100			% 62	96	29	74			% 62	68	75	22	72	75
Enroll Wk 3 Enroll End	7	ω	16		501		28	25	21	18	19	13	12	15		151		22	4	17		53		80	9	4	13	9
Enroll Wk 3	6	6	20		622		34	27	38	22	23	20	16	15		195		23	21	23		29		თ	ω	7	18	ω
FTSE Retention	89	100	06			91 %	100	93	82	96	100	95	88	100			94 %	96	98	91			94 %	100	75	100	78	88
FTSE End	1.40	1.60	3.20		99.27		5.60	5.00	4.20	3.60	3.80	2.60	2.40	3.00		30.20		4.40	2.80	3.40		10.60		1.07	0.80	0.53	0.87	0.80
FTSE Week 3	1.80	1.80	4.00	ecords)	123.20		6.80	5.40	7.60	4.40	4.60	4.00	3.20	3.00	ords)	39.00		4.60	4.20	4.60	cords)	13.40		1.20	1.07	0.93	1.20	1.07
% Cap	36	36	80	ENG (33 detail records)		% 92	26	11	109	63	99	22	24	43	HIS (8 detail records)		71 %	92	84	92	HUM (3 detail records)		% 68	113	9	88	120	53
Cap	25	25					32	35	35	35	35	35	28	35	HIS (25	25	25	HOM			ω	∞	œ	15	15
Days	¥	-	ţ	refix' =	ımary	Average	ţ	Ε	≥ Ε	× Ε	ナ	-	+	‡	efix' =	Summary	Average	≥	-	Ε	efix' =	Summary	Average	≥	× E	× ≅	ţ	‡
Time	15:00	9:30	12:30	Summary for 'Prefix' =	San	Ave	12:30	18:30	8:00	15:30	14:00	18:30	8:00	15:30	Summary for 'Prefix' =	Sun	Ave	9:30	9:00	18:00	Summary for 'Prefix' =	Sum	Ave	12:00	9:00	10:30	11:00	12:00
Site Division Prefix Number	139	237	238	Summ			131	131	131	132	132	136	201	250	Summ		٠	241	241	242	Summs			101	102	103	107	108
Prefix	ENG						HIS											MOH						MUP				
Division	Flag L/arts						L /arts											Uarts						Flag L/arts MUP				
Site	Flag						Flag											Flag						Flag				

% Ketention	100		% 82	65	100	88	71	85			82 %	96			% 96	63	79	87	83	69			% 92	. 65	92	98
Enroll End	44	81		13	20	9	10	=	Ç	9		24		24		17	22	33	24	18		114			7	.0
Enroll Wk 3 Enroll End	44	94		20	20	7	14	13	77	ţ		25		25		27	28	38	59	56		148		17	12	7
r ISE Ketention	100		% 06	100	100	-86	100	100			% 26	96			% 96	100	93	87	83	100			92 %	88	100	100
r ise end	2.93	7.00		2.60	4.00	0.40	2.00	2.20	11 20	7		6.40		6.40		3.40	4.40	0.60	4.80	3.60		22.80		2.20	2.20	1.20
FISE Week 3	2.93	cords) 8.40		4.00	4.00	0.47	2.80	2.60	cords)	9		29.9	cord)	29.9		5.40	5.60	7.60	5.80	5.20	ords)	29.60		3.40	2.40	1.40
cap % cap	88	Summary for 'Prefix' = MUP (6 detail records) Summary 8.	94 %	100	100	88	70	65	Summary for 'Prefix' = MUS (5 detail records)		85 %	100	(1 detail re	Summary	100 %	6	93	109	83	87	= PHI (5 detail records)		92 %	61	43	28
4	50	MUP		20			70	20	MUS			22	NAV			တ္တ	9	35	32	30	PHI (,		28	28	25
<u>.</u>	L	for 'Prefix' = Summary	Average	ב	ĕ	≥	₹	¥	refix'=		rage	≥	efix'=	ımary	Average	-	≥	Ε	ţ	_	efix' =	Summary	Average	בּ	≥	.
2	18:30	ary for 'P Sum	Ave	9:00	9:00	16:00	15:00	12:30	ary for 'P.		Ave	15:00	ary for 'P.	Sun	Ave	13:00	11:00	18:15	12:30	18:30	Summary for 'Prefix'	Sun	Ave	9:30	15:30	18:30
one Division riegis immoer time Dujs	117	Summ		100	100	103	145	207	Summ			5	Summ			101	101	105	105	201	Summ			101	110	220
rregra	MUP			MUS								×××				표								Pos		
vision	L/arts			L/arts								L /arts				L /arts										
ile Vi	Flag L			Flag L								Flag L				Flag L								Flag L/arts		

Wednesday, October 13, 1999



% Retention		81 %	79	73	81	70	29	87	25	68	92	100	50	83	100	64	92	70			77 %	92	100	96			87 %
Enroll Wk 3 Enroll End	28		23	7	26	19	16	27	ω	17	10	1	2	10	17	6	20	16		242		17	24	19		09	
Enroll Wk.	36		53	15	32	. 22	24	31	14	25	12	#	4	12	17	14	21	23		311		56	24	20		20	
FTSE Retention		% 96	100	93	91	78	92	100	98	92	92	100	100	92	100	86	95	87			93 %	85	100	100			% 56
FTSE End	5.60		4.60	2.20	5.20	3.80	3.20	5.40	1.60	3.40	2.00	2.20	0.40	2.00	3.40	1.80	4.00	3.20		48.40		3.40	4.80	3.80		12.00	
FTSE Week 3	cords) 7.20		5.80	3.00	6.40	5.40	4.80	6.20	2.80	5.00	2.40	2.20	0.80	2.40	3.40	2.80	4.20	4.60	ecords)	62.20		5.20	4.80	4.00	cords)	14.00	
Cap % Cap	Summary for 'Prefix' = POS (3 detail records) Summary 7	44 %	83	43	107	6	69	83	40	83	48	4	100	40	. 61	47	09	82	PSY (16 detail records)		% 89	130	120	100	SLG (3 detail records)		117 %
Cap	POS		35	35	ဗ္က	30	35	35	35	28	25	25	4	30	28	30	35	28				20	20	20			
Days	for 'Prefix' = Summary	Average	ţ	-	ţ	ţ	¥ 8	× ≥	a×f	≥	_	3	× ≥	+	‡	+	¥ 8	ţ	efix' =	Summary	rage	1:30 twr	ţ	ţ	efix'=	Summary	Average
Time	ary for 'P. Sum	Ave	15:30	9:00	12:30	8:00	14:00	11:00	19:00	12:30	18:30	17:00	14:00	18:30	11:00	18:30	14:00	12:30	Summary for 'Prefix'	Sum	Ave	11:30	11:00	17:00	Summary for 'Prefix'	Sum	Ave
Site Division Prefix Number	Summ		101	101	101	101	101	101	101	205	230	230	230	234	236	236	240	240	Summs			101	101	102	Summs		
Prefix			ΡSΥ																			SLG					
vision			/arts																			Varts					
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% Retention	22	79	77	95	06	95	100			85 %	73	69	63	. 18	84	81	61	83	90	٠		72 %	78	94			% 98	100	
Enroll Wk 3 Enroll End	20	19	20	18	19	18	24		138	,	19	18	15	21	. 21	21	7	10	-		137		14	16		30		15	
Enroll Wk 3	35	24	56	19	21	19	24		168		56	56	24	56	25	92	18	12	2		185		18	17		35		15	
FTSE Retention	83	100	104	100	100	100	100			% 86	96	96	79	100	100	88	89	. 83	50			% 28	100	100			100 %	100	
FTSE End	4.00	3.80	4.00	3.60	3.80	3.60	4.80		27.60		5.07	4.80	4.00	5.60	5.60	5.60	2.93	2.67	0.07		36.33		2.80	3.20		90.9		3.00	
FTSE Week 3	7.00	4.80	5.20	3.80	4.20	3.80	4.80	cords)	33.60		6.93	6.93	6.40	6.93	6.67	6.93	4.80	3.20	0.13	cords)	48.93		3.60	3.40	cords)	2.00		3.00	
% Cap	100	96	93	99	09	89	98	SOC (7 detail records)		81 %	104	104	96	104	100	104	72	48	100	SPA (9 detail records)		92 %	06	99	SPC (2 detail records)		% 62	9	
Cap	35	25	28	28	35	28	28				25	25	25	25	25	25	25	25	7				70	25				25	
Days	≽	. .	_	≷	¥	1.	×	refix' =	Summary	Average	=	¥	¥	ţ	≱ E	¥ E	Ε	ţ	L.	refix' =	Summary	Average	÷	_	refix' =	Summary	Average	=	
Time	9:30	11:00	18:30	18:30	12:30	14:00	14:00	Summary for 'Prefix' =	Sun	Ave	9:30	8:30	12:30	18:30	15:00	9:30	18:30	15:30	12:30	Summary for 'Prefix' =	Sun	Ave	11:00 tr	17:30	Summary for 'Prefix' =	Sun	Ave	13:00	ē,
Site Division Prefix Number	101	101	101	130	130	140	142	Summ			101	101	101	101	101	102	131	201	298	Summ			100	100	Summ			101	Wednesday. October 13, 1999
Prefix	SOC										SPA												SPC					THR	Octobe
vision	/arts										/arts												L/arts					L/arts	osdav.
Site Di	Flag L/arts)									Flag L/arts)											Flag)				Flag	Wedn



% Retention		100 %		% 08	18	100	80	100	73	83	100	95			% 68	81	72	44	69	29			% 29	88	92
Enroll Wk 3 Enroll End	15		1999		17	21	16	20	80	20	=	20		133		13	13	4	11	4		55		28	26
Enroll Wk 3	15		2490		21	21	, 20	. 50	#	24	#	21		149		16	18	တ	16	21		. 08		32	34
FTSE Retention		% 001		93 %	92	100	95	100	91	92	91	100			% 56	100	100	78	100	100			% 96	91	94
FTSE End	3.00		396.67		4.53	5.60	4.27	5.33	2.13	5.33	2.93	4.00		34.13		3.47	2.60	1.07	2.93	3.73		13.80		5.60	5.20
Cap % Cap FTSE Week 3	oord) 3.00		496.07		5.60	5.60	5.33	5.33	2.93	6.40	2.93	4.20	ords)	38.33		4.27	3.60	2.40	4.27	5.60	cords)	20.13		6.40	6.80
% Cap	Summary for 'Prefix' = THR (1 detail record) Summary	% 09		% 82	88	88	83	83	46	901	46	88	3 detail rec	Summary 38.3	% 82	29	75	38	. 29	88	5 detail re	y 20.1;	% 29	107	113
Cap	THR (ords)			24	24	24	24	24	24	24	24	B/O (8			24	24	24	24	24	CHM			30	30
Days	refix'= ımary	rage etail rec	ımary	Average	¥	ţ	Ţ	ţ	*	¥ %	‡	¥	refix' =	Summary	Average	‡	ţŢ	¥ 8	ţŗ	¥ 8	refix' =	mary	Average	ţ	æ 8
Time Days	ary for 'P Sun	Ave 's (128 d	Sun	Ave	8:00	14:00	19:00	14:00	10:00	12:00	12:00	14:00	Summary for 'Prefix' =	Sun	Ave	17:00	8:00	14:00	10:00	10:00	ary for 'P.	Summary	Ave	15:30	11:00
Vumber	Summ	ı'= <i>Ua</i> n			100	100	9	105	184	201	202	205	Summs			060	060	130	130	151	Summs			131	133
Prefix /		Divisior			B10											CHM								GEO	
Site Division Prefix Number		Average Summary for 'Division' = L'arts (128 detail records)			Flag mat/sci											Flag mat/sci CHM								Flag mat/sci GEO	
Site		Sum			Flag											Flag								Flag	

																												Page !				
% Retention		% 60	88	69	100	100			% 68	68	29	63	48	85	92	92	82	78	75	77	75	69	0	06	95	84	8			163) 	
Enroll Wk 3 Enroll End	54		21	22	7	თ		59		23	24	19	15	22	23	22	. 23	28	27	27	24	22	0	56	20	21	21					
Enroll Wk 3	99		24	32	7	6		72		34	36	33	31	56	25	59	28	36	36	35	32	32	0	59	21	25	25				٠	
FTSE Retention		70 00	88	84	100	100			93 %	91	78	93	77	100	100	, 100	82	100	100	77	91	94	0	100	95	100	84					
FTSE End	10.80		5 60	5.87	0.93	1.20		13.60		4.60	4.80	5.07	4.00	5.87	6.13	5.87	6.13	7.47	7.20	7.20	6.40	5.87	0.00	5.20	4.00	5.60	5.60				107	
FTSE Week 3	cords) 13.20		6.40	8.53	0.93	1.20	cords)	17.07		6.80	7.20	8.00	8.27	6.93	6.67	7.73	7.47	9.60	9.60	9.33	8.53	8.53	00.00	5.80	4.20	6.67	6.67					
Cap % Cap	GEO (2 detail records) 13.	/0 077	5 5	133	58	75	GLG (4 detail records)		% 26	113	120	100	103	87	83	26	93	120	120	117	107	107	0	26	84	83	83				•	
Cap	GE0		24	24	12	12	979			30	33	30	33	33	30	33	30	8	8	8	30	30	0	9	25	30	30					
Days	or 'Prefix' = Summary		Avelage	٦	tpa	tba	efix' =	Summary	Average	, ≽ ≽	ţ	₹	ţ	‡	ĕ	ţ	‡	Þ	ĕ	m¥f	÷	m¥f	tþa	ţ	‡	ţ	m w f					
Time	Summary for 'Prefix' = Summary	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	19:00	9:00			Summary for 'Prefix' =	Sun	Ave	17:50	8:30	11:40	8:00	10:00	17:30	19:40	12:00	15:30	17:40	9:00	8:00	8:00		14:00	10:00	17:40	11:00	6				
Number	Summe		101	101	=======================================	112	Summe			055	055	087	087	087	087	121	121	121	121	121	121	121	121	130	142	151	151	r 13, 199	· · · · · · · · · · · · · · · · · · ·			(
Site Division Prefix Number Time Days			Flag mat/sci GlG							Flag mat/sci MAT																		Wodnosday October 13, 1999	Tournamy of the			•

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% Retention	88	92	47	75	. 83	93	18	96	92			75 %	92	92	68			% 62			% 82	88	98	77	82	84	56	82
Enroll Wk 3 Enroll End	30	34	6	21	S	27	17	22	13		565		13	22	15		20			916		21	12	17	. 81	16	41	17
Enroll Wk 3	8	37	19	28	9	59	21	23	17		724		17	24	22		63			1154		24	4	22	22	19	25	20
FTSE Retention	100	92	89	84	100	100	98	96	100			% 88	94	100	91			% 56			91 %	100	100	91	100	84	84	85
FTSE End	8.00	9.07	2.40	5.60	1.00	5.40	5.67	7.33	4.33		145.80		2.60	5.87	4.00		12.47			230.60		7.00	2.40	3.40	3.60	3.20	2.80	3.40
FTSE Week 3	9.07	9.87	5.07	7.47	1.20	5.80	7.00	7.67	5.67	ecords)	186.80	94 %	3.40	6.40	5.87	cords)	15.67			291.20		8.00	2.80	4.40	4.40	3.80	5.00	4.00
% Cap	113	123	63	117	100	26	20	77	22	27 detail n		94 %	71	100	95	3 detail rec		% 28			% 88	96	47	88	88	54	100	80
Cap	30	9	9	24	9	30	3	30	8	MAT (24	24	24	PHY (ords)			25	30	25	25	35	25	25
Days	ĕ	こ	≥ E	ţ	ĕ	т×f	₽ w E	<u>+</u>	m w f	refix' =	Summary	Average	¥ ¥	‡	¥	= ,xija.	Summary	Average	stail rec	Summary	Average	-	≽	Ε	≽ E	÷	>	ţ
Time	15:30	10:00	19:40	12:00	14:00	9:00	10:15	17:30	10:00	Summary for 'Prefix' =	Sun	Ave	13:00	16:00	18:00	Summary for 'Prefix' =	Sun	Ave	sci (49 d	Sun	Ave	8:00	17:00	18:30	13:00	19:00	18:30	13:30
Number	151	151	151	151	160	172	187	187	220	Summ			100	11	180	Summ			ı'= mat			100	101	101	101	101	102	102
Prefix /	MAT												PH≺						Divisior			ACC						
Site Division Prefix Number	Flag mat/sci												Flag mat/sci PHY						Summary for 'Division' = mat/sci (49 detail records)			Flag occ/vo ACC						
Site 1	Flag												Flag						Sumn			Flag						

Site Division Prefix Number	sion Pre	fix Num		Time Days		Cap 3	% Cap	FTSE Week 3	FTSE End	FTSE Retention	Enroll Wk 3 Enroll End	Enroll End	% Retention	
Flag occ/vo ACC	ivo AC	C 206		18:30	L	24	54	2.60	2.60	100	13	13	100	
			210 1	18:30	*	35	20	1.40	1.40	100	7	7	100	
		Š	ummar	y for 'Prefix' =	efix'= ,	ACC (9	Summary for 'Prefix' = ACC (9 detail records)	cords) 36.40	08.00		166	135		
				Average	абе		% 02) j	S	% 76	3	3	% 78	
Flag occ/vo	S/vo AHS	IS 131		15:30		24	24 117	5.60	4.40	68	78	22	79	
,			ummar	y for 'Pre	/ = ,XiJ6	AHS (1	detail re	cord)						
				Sumi	mary		Summary 5	5.60	4.40		28	22		
				Average	age	1	117 %			% 68			% 62	
Flag occ/vo	c/vo AJS	101		18:00		25	80	4.00	3.40	95	20	17	85	
		12	120 1	18:00	_	25	36	1.80	1.60	89	o	ω	88	
		16	160	8:30	≥	25	32	1.60	1.60	100	80	ω	100	
		230		11:00	+	25	92	3.80	3.60	100	19	18	95	
		26	260 1	18:30	ε	25	28	1.40	1.00	77	7	2	71	
		ιχ	ummar	Summary for 'Prefix'	efix'= ,	AJS (5	= AJS (5 detail records)	•	7		ç	9 9		
				Summary	IIIary			12.00	11.20		2	00		
				Average	4)		% 05			91 %			% 88	
Flag occ/vo AUT	ZVO AL		8	100 18:00 t		22	44	2.20	1.60	44	7	œ	73	
		Š	ummar	y for 'Pre	/ = ,XiJ6	AUT (1	detail rec	cord)						
				Sumi	mary		Summary	2.20	1.60		11	œ		
				Average		-				44 %			73 %	
Flag occ/vo AVT	JVO AN			131 18:30 w	>	22	80	4.00	3.00	85	20	15	75	
			ummar	Summary for 'Prefix'	/ = ,XIJ6	AVT (1	detail rec	cord)						
				Sumi	mary		Summary 4.	4.00	3.00		20	15		
				Average	age		% 08			% 58			75 %	
Flag occ/vo	c/vo BUS	JS 100		13:00	≽	25	64	3.20	3.00	100	16	15	94	
•			103	18:30	L	25	52	2.60	2.20	100	13	1	85	
		111		16:00	*	25	88	4.40	4.20	95	22	21	95	
Wednes	Wednesday, October 13, 1999	ober 13,	6661										d.	Page
		,										167	•	
		166							109)		

% Retention	. 96	98	88	94	79	100	94			% 16	65	9/	75	65	100	82	83	95	100	92	88	82	73	100	81	89	81	87
Enroll Wk 3 Enroll End	22	12	7	16	15	-	16		136		13	16	6	15	9	18	15	21	12	=	16	18	19	28	21	15	21	20
Euroll Wk .	23	4	80	17	19	-	17		150		20	21	12	23	9	22	18	22	12	12	18	22	56	78	56	22	56	23
FTSE Retention	100	93	100	94	89	100	142			101 %	75	06	75	74	100	100	75	95	100	92	100	100	85	100	92	100	88	100
FTSE End	4.40	2.40	1.40	3.20	3.00	0.20	3.20		27.20		1.73	2.13	1.20	2.00	0.40	2.40	2.00	1.40	0.80	0.73	3.20	3.60	3.80	5.60	4.20	3.00	4.20	4.00
FTSE Week 3	4.60	2.80	1.60	3.40	3.80	0.20	3.40	records)	y 30.00		2.67	2.80	1.60	3.07	0.40	2.93	2.40	1.47	08.0	08.0	3.60	4.40	5.20	5.60	5.20	4.40	5.20	4.60
% Cap	95	26	32	89	9/	100	142	10 detail		% //	83	88	20	96	25	95	75	95	20	20	75	95	108	117	108	95	108	96
Cap	25	25	25	25	25	-	12	BUS (24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Days	ε	_	_	£ ≷	ţ	tba	£ ≷	."	Ľ.	Average	>	ε		_	-	-	_	tba	S	_	-	_	_	Ŀ	>	-	ε	ε
Time	13:00	18:30	18:30	17:00	10:00		14:00	Summary for 'Prefix'	Sun	Ave	19:00	9:00	8:00	17:00	16:00	19:00	17:00		13:00	9:00	9:00	19:00	14:00	9:00	13:00	9:00	16:00	8:00
Number	204	206	211	214	214	216	232	Summ			102	102	102	102	111	112	112	115	115	115	120	120	120	120	120	120	120	120
Prefix	BUS										CIS												٠					
Site Division Prefix Number	Flag occ/vo										Flag occ/vo																	

Wednesday, October 13, 1999



5	96	83	100	100	81	. 99	85	20	100	75	100	80	100	100			% 58	70	87	100	100	78	50	29			% 82	95
	24	19	16	10	13	7	17	12	-	15	7	16	20	80		478		14	13	10	ω	21	10	10		98		24
	25	23	16	9	16	17	20	24	-	20	7	20	20	∞		581		20	15	10	80	27	20	17		117		56
	100	91	100	100	94	88	06	75	100	75	100	80	100	100			92 %	100	93	100	100	68	75	59			% 88	92
	4.80	2.53	2.13	1.33	1.73	2.20	3.40	2.40	0.13	1.00	0.27	1.07	2.67	0.53		72.60		1.87	2.60	2.00	1.60	4.20	2.00	2.00		16.27		4.80
	5.00	3.07	2.13	1.33	2.13	3.40	4.00	4.80	0.13	1.33	0.27	1.33	2.67	0.53	ecords)	89.27		2.67	3.00	2.00	1.60	5.40	4.00	3.40		22.07		5.20
	104	96	29	42	29	71	83	100	100	80	200	80	100	32	CIS (32 detail records)		85 %	83	62	53	33	113.	83	71	DFT (7 detail records)		74 %	104
•	24	24	24	24	24	24	24	24	-	25	-	25	20	25	CIS (_		24	19	19	24	24	24	24		_		25
	+	Ε	Χ,	_	≯	≯	¥	‡	tba	+	Ε	-	Ε	_	refix' =	Summary	Average	Ε	_	+	ţ	+	>	Ε	refix' =	Summary	Average	÷
	19:00	19:00	00:6	19:30	17:00	8:00	11:30	10:00		17:00	14:30	12:00	8:00	9:00	Summary for 'Prefix'	Sur	Ave	16:30	18:00	18:00	8:00	18:00	18:00	18:00	Summary for 'Prefix'	Sur	Ave	17:00
ramoer	120	122	123	123	124	125	127	220	224	298	298	298	298	298	Summ			100	125	145	150	150	200	225	Summ			204
1	CIS																	DFT										ECN
sire Division Fregis Number	Flag occ/vo	**	٠	,														Flag occ/vo										Flag occ/vo



												•															
% Retention	84	86	56			% 08	06			% 06	100	8			91 %	78	100	95	92	100	88			92 %	100	88	83
Enroll Wk 3 Enroll End	21	18	o		72		19		19		16	13		29		21	20	19	12	13	17		102		50	16	20
Enroll Wk	25	21	16		88		21		21		16	16		35		27	20	20	13	13	19		112		20	18	24
FTSE Retention	84	86	88			% 28	100			100 %	100	81			91 %	85	100	100	100	100	95			% 26	100	100	95
FTSE End	4.20	3.60	1.80		14.40		3.80		3.80		2.13	0.00		2.13		4.20	9.33	8.87	5.60	5.20	3.40		36.60		4.00	3.20	4.00
FTSE Week 3	5.00	4.20	3.20	cords)	Summary 17.60		4.20	cord)	4.20		2.13	0.00	ords)	Summary 2.13		5.40	9.33	9.33	6.07	5.20	3.80	cords)	39.13		4.00	3.60	4.80
% Cap	100	84	64	4 detail re		% 88	84	'1 detail re		84 %	88	8	2 detail rec		84 %	06	100	100	65	52	9/	6 detail rec	nmary 39.13	81 %	80	72	96
Cap		25	25	ECN (52	EDU (18	20	ELT (30	20	20	20	25	22	EMS (52	25	25
Days	ţ	÷	>	refix' =	ımary	rage	>	refix' =	mary	rage	_	ţ	efix' =	ımary	rage	ţ	`*	÷	W E	Ε	tba	= ,xijə.	mary	rage	+	Ε	*
Time Days	17:00	9:00	18:30	ary for 'P	Sun	Ave	18:00	ary for 'P	Sun	Ave	18:00	13:30	ary for 'P.	Sun	Ave	12:30	8:00	18:00	18:00	8:30		Summary for 'Prefix'	Summa	Average	18:30	18:30	18:30
Site Division Prefix Number	204	205	205	Summ			200	Summ	•		150	298	Summ			100	131	131	131	231	298	Summs			135	200	234
Prefix	ECN						EDO				ELT					EMS									FSC		
ivision	oc/vo						Flag occ/vo				Flag occ/vo																
Sire D	Flag occ/vo						Flag				Flag					Flag occ/vo									Flag occ/vo		

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% Retention		91 % 61	100			81 %	95	100	100	83	75	64	100	64	64	73	64	100			82 %	86	100			% 86
Enroll Wk 3 Enroll End	56	=	=		22		20	12	7	2	6	7	1	7	7	80	7	1		115		12	9		18	
Enroll Wk 3	62	. 4	Ξ		59		21	12	7	9	12	=	Ę*	Ξ	=	=	1	1		139		4	9		20	
FTSE Retention		97 % 89	100			94 %	100	100	100	100	92	49	100	64	64	73	64	100			% 58	100	100			700 %
FTSE End	11.20	2.20	2.20		4.40		4.00	0.80	0.73	1.00	1.80	0.93	2.20	1.40	1.40	1.07	0.93	1.47		17.73		2.40	1.20		3.60	
FTSE Week 3	cords) 12.40	3.60	2.20	cords)	5.80		4.20	0.80	0.73	1.20	2.40	1.47	2.20	2.20	2.20	1.47	1.47	1.47	cords)	21.80		2.80	1.20	cords)	4.00	
% Cap	Summary for 'Prefix' = FSC (3 detail records) Summary 12	83 % 72	37	Summary for 'Prefix' = HRM (2 detail records)		24 %	84	9	22	24	48	4	44	4	44	44	44	44	Summary for 'Prefix' = ITC (12 detail records)		48 %	88	38	Summary for 'Prefix' = MIT (2 detail records)		% 59
Cap	FSC	25	30	HRM			25	20	20	25	25	25	25	25	25	25	25	25) DL			16	16	MIT (
Days Cap	refix'= mar	Average	+	efix'=	Summary	Average	-	Ε	Ε	Ε	_	Ø	S	Ø	v	Ø	so	Ø	efix'=	Summary	Average		≯	efix' =	Summary	rage
Time	ary for 'Pl Sum	Ave 17:00	18:30	ary for 'Pı	Sum	Ave	18:00	18:00	18:00	18:00	18:00	8:30	8:30	8:30	8:30	12:00	12:00	12:00	ary for 'P	Sum	Ave	18:00	18:00	ary for 'P	Sun	Aver
Site Division Prefix Number Time	Summ	100	235	Summ			11	160a	160B	175	180	185	185	185	185	298	298	298	Summ			140	298	Summ		
Prefix		HRM					2															μ				
Division		Flag occ/vo HRM					Flag occ/vo															Flag occ/vo				
Site		Flag					Flag															Flag				

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% Retention	89		% 68	59	. 71	100	6/	06	92			82 %	44			44 %			84 %		,	82 %	63			63 %
Enroll Wk 3 Enroll End	16	16		13	17	12	15	6	1		7.7		7	11	•		1473	2		,	4388		5	1	S	
Enroll Wk	18	18		22	24	12	19	9	12		66		25	25)		1781	10/1			5425		∞	·	∞	
FTSE Retention	94		94 %	100	. 71	100	100	100	92			94 %	9/			· % 9/			% 76			% 26	63			% 89
FTSE End	3.20	3.20		0.87	1.13	08'0	3.00	1.80	0.00		2.60		2.20	2.20	o I I		220 02	2/2.93			900.20		0.67		0.67	
FTSE Week 3	3.60	cord) 3.60		1.47	1.60	0.80	3.80	2.00	0.00	cords)	9.67		5.00	cord) 5 00) 5		227 47	327.47			1114.73		1.07	_	1.07	
Cap % Cap	75	NTR (1 detail record)	75 %		100	20	6/		20	OIS (6 detail records)	•	% 69		RES (1 detail record)		100 %	Js)		74 %			% 82	32	CIS (1 detail record)		32 %
Cap	24	NTF.		24	24	24	24	24	24				25	: RES	_		recor	>					25	: CIS	^	
Days	+	refix'=	Average	2	‡	>	<u>+</u>	Ε	+	refix':	Summary	Average	E	for 'Prefix' = Summary		Average	detail	Summary	Average	cords)	Summary	Average	¥	refix':	ımar	Average
Time	18:00	Summary for 'Prefix' = Summary	Ave	17:00	13:00	13:00	11:00	16:00	17:30	Summary for 'Prefix' =	Sun	Ave	18:30 m	Summary for 'Prefix' = Summary		Ave	woc (106	unc	Ave	3 detail re	Sum	Ave	18:00	Summary for 'Prefix' =	Sun	Ave
Number	135	Sumn		100	100	100	110	130	298	Sumn			101	Sumn			n' = occ			⊏lag (28;			122	Sumn		
Prefix	NTR			OIS									RES				Divisio			ite' = 1			CIS			
Site Division Prefix Number Time Days	Flag occ/vo			Flag occ/vo									Flag occ/vo.				Summary for 'Division' = occ/voc (106 detail records)			Summary for 'Site' = Flag (283 detail records)			GC occ/vo			
Site .	Flag			Flag									Flag				Sum			Sumn			ပ္ပ			



% Retention		% 63 %	% 69	62	94	•		% 98	64			64 %	79	_ 26	81	06			85 %	63			63 %
Enroll Wk 3 Enroll End	ĸ	· 10		22	16		38		6		6		1	12	21	6		53		c,		5	
Enroll Wk.	∞	Φ		28	17		45		4		14		14	13	56	1		63		80		80	
FTSE Retention		% 69	63 %	100	94			% 26	100			% 001	98	92	88	06			% 68	88			% 88
FTSE End	0.67	0.67		4.40	3.20		2.60		1.20		1.20		2.20	2.40	4.20	1.80		10.60		1.33		1.33	
FTSE Week 3	1.07	1.07		5.60	3.40	cords)	9.00		1.87	cord)	1.87		2.80	2.60	5.20	2.00	cords)	12.60		2.13	cord)	2.13	
% Cap		32 %	32 %	93	82	Summary for 'Prefix' = ART (2 detail records)		% 68	20	l (1 detail re	Summary	% 02		59		45	Summary for 'Prefix' = ENG (4 detail records)		% 89	32	Summary for 'Prefix' = NAV (1 detail record)		32 %
Cap	ord)			30	20	: ART	~		20	: DAN	-		22	22	25	22	ENG	>		25	. NAV	>	
Days	(1 detail rec Summary	Average record)	age	+	=	refix'=	Summary	rage	` ≥	refix'=	ımar	Average	‡	m ¥	+	ţ	refix'=	Summary	Average) E	refix'=	Summary	Average
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Wednesday, October 13, 1999



Summary for Division* Feats of detail featories Simmary for Division* Efeats of detail featories Simmary Simmary for Division* Efeats of detail featories Simmary Efeats of Efeats o	69 % 130 105 105 105 105 105 105 105 105 105 10	Site Division Prefix Number Time Days	ays Cap	% Cap	FTSE Week 3	FTSE End	FTSE Retention	Enroll Wk 3 Enroll End	Enroll End	% Retention
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76 5.07 4.53 100 19 17 76 5.07 4.00 95 19 17 60 4.00 3.73 100 15 14 96 6.40 6.13 100 24 23 88 5.87 4.53 86 22 17 104 6.93 5.60 88 26 21 104 6.93 6.40 92 26 24 100 6.67 6.13 96 25 23 100 6.67 84.40 386 25 24 87 % 6.13 96 25 24 87 % 84.40 94 % 327 87 % 1.20 1.20 94 % 327	76 5.07 4.53 100 19 17 89 76 5.07 4.00 95 19 15 79 60 4.00 3.73 100 15 14 93 96 6.40 6.13 100 24 23 96 88 3.20 2.93 100 24 22 11 92 88 5.87 4.53 86 22 17 77 104 6.93 6.40 92 26 24 92 100 6.67 6.13 96 25 23 92 110 6.67 6.13 96 25 23 92 87 % 84.40 94 % 327 86 % 87 % 45 % 94 % 327 86 % 87 % 100 9 % 9 % 9 % 9 %			72	4.80	4.00	89	18	15	83
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96 6.40 6.13 100 24 23 80 5.33 2.93 65 20 11 48 3.20 2.93 100 12 11 96 6.40 5.87 100 24 22 88 5.87 4.53 86 22 17 104 6.93 5.60 88 26 21 105 6.67 6.13 96 25 24 107 8 detail records) 87 % 40 94 % 95 94 % 95 94 % 95 94 % 95 94 % 95 95 95 95 95 95 95 95 95 95 95 95 95	96 640 613 100 24 23 96 80 5.33 2.93 65 20 11 55 48 3.20 2.93 100 12 11 55 96 640 5.87 100 24 22 11 92 88 5.87 4.53 86 22 17 77 104 6.93 6.40 92 26 24 92 100 6.67 6.13 96 25 23 92 1104 6.93 6.40 92 26 24 92 1105 6.67 6.13 96 25 23 92 1106 87 % 387 387 387 387 387 387 387 387 387 387			90	4.00	3.73	100	15	4	93
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	Page 18 of 24	17:00		4	1.20	1.20	100	თ	6	100

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% Retention	94	100	100			% 86	100	100	100	84	94	100	93			% 96 ·			% 26			% 88	72			72 %	72	72	Pag
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Enroll Wk 3 Enroll End	16	5	7		41		19	18	10	19	18	24	30		138		ļ	179			695		32		32		8	8	
FTSE Retention	94	100	100			% 86	100	100	100	84	94	100	26			% 96			% 26			% 56	100			100 %	100	72	
FTSE End	2.00	0.67	1.47		5.33		3.80	3.60	2.00	2.13	2.27	3.20	3.73		20.73			26.07			131.20		4.60	•	4.60		2.60	2.60	
FTSE Week 3	2.13	0.67	1.47	Summary for 'Prefix' = AES (4. detail records)	5.47		3.80	3.60	2.00	2.53	2.40	3.20	4.00	cords)	21.53			27.00			152.07		6.40	ord)	6.40		3.60	3.60	
% Cap	80	100	220	4 detail rec		111 %	92	06	20	9/	90	80	29	Summary for 'Prefix' = NUR (7 detail records)		74 %			% 88			83 %	91	Summary for 'Prefix' = ANT (1 detail record)		91 %	6	06	
Cap	20	5	5	: AES (_		2	20	20	22	30	33	45	. NUR	A		ecords)	^					35	= ANT	×		20	20	
Days	-	tba	+	Prefix' =	mmar	Average	Ε	+	20:00 mtwr	Ε	_	_	_	orefix' =	Summary	Average	detail r	Summary	Average	cords)	Summary	Average	Ε	Prefix':	Summary	Average	ţ	ב	
Time	11:10		14:20	ary for 'F	Smı	Ave	17:00	17:00	20:00	15:00	10:00	14:00	8:00	ary for "	Sui	Av	voc (11	Sul	Av	detail re	Sun	Ave	18:30	any for '	Sui	Av	16:00	16:00	61
Site Division Prefix Number	101	201	201	Summ			110	110	110	200	221	221	221	Summ			Summary for 'Division' = occ/voc (11 detail records)			Summary for 'Site' = NAU (37 detail records)			102	Summ			202	202	Wednesday, October 13, 1999
Prefix /	AES						NUR										'Divisio			Site' = 1			ANT				ART		Octoben
ivision	NAU occ/vo AES						NAU occ/vo NUR										nary for			ary for 's			L/arts				L/arts		esday, o
Site D	NAU						NAU										Sumn			Summe			Page L/arts				Page L/arts		Wedn

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Euroll Wk.	14	20		19	15	16	15	65		21	21		თ		O		7	9		27		12		12	
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FTSE End	1.87	7.07		3.80	2.00	2.00	1.80	9.60	•	3.60	3.60		0.53		0.53		3.40	1.00		4.40		2.40		2.40	
FTSE Week 3	1.87	cords) 9.07		3.80	3.00	3.20	3.00	Summary for 'Prefix' = ENG (4 detail records) Summary 13.00		4.20	cord) 4.20		09:0	cord)	0.60		4.20	1.20	ords)	5.40		2.40	cord)	2.40	
% Cap	93	Summary for 'Prefix' = ART (3 detail records) Summary	% 16	9/	75	80	75	(4 detail re	% 22	84	Summary for 'Prefix' = HIS (1 detail record) Summary	84 %	45	Summary for 'Prefix' = PHE (1 detail record)		45 %	105	30	Summary for 'Prefix' = PHI (2 detail records)		% 89	9	Summary for 'Prefix' = POS (1 detail record)		% 09
Cap	15	ART (25	70	70	70	ENG		25	HIS (20	PHE (20	20	PHI (2			20	POS (
Days.	>	for 'Prefix' = Summary	age	Ē	-	≥	¥ ¥	efix'= mary	age.	+	efix'= mary	age.	-	efix' =	Summary	age	ţ	≥	efix' =	mary	age	>	= , XIJ6	Summary	age
Time	19:00	ary for 'Pr Sum	Ave	8:00 mf	19:00	11:30	17:30	ary for 'Pr Sum	Average	10:00 tr	ary for 'Pr Sum	Average	9:00	ary for 'Pr	Sum	Average	17:30 tr	19:00	ary for 'Pr	Sum	Average	19:00 w	ary for 'Pri	Sum	Average
Site Division Prefix Number Time Days	298	Summ		101	101	101	102	Summ		131	Summ		298	Summe			105	201	Summ			120	Summ		
Prefix	ART			ENG						HIS			PHE				표					POS			
vision	/arts			/arts						/arts			/arts			•	/arts					/arts			
Site D	Page L/arts			Page L/arts						Page L/arts			Page L/arts				Page Larts					Page L/arts			

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% Retention		% 82	78 %	100	91 % 82		82 %	100	100	94	92	100		94 %		% 02		
Enroll Wk 3 Enroll End	27	89	σ ·	13	თ	თ	o	۸ د	19	15	1	10	20		^			
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% Cap FTSE Week 3	cords) 9.33	13.07	2.20	0.80 cords) 3.00	2.20	cord) 2.20	33	0.47	3.80	2.13	1.60	2.00	ords) 11.33	2.00	\sim			
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APPENDIX D YEAR-END COMMITTEE REPORTS

Name of Committee: Recruitment Committee /Steve Miller

What is the primary purpose of this committee? Plan, coordinate, and implement district wide recruitment activities to market and promote the College to help manage enrollment.

How often did this committee meet during the 98-99 academic year?

Once per month but sometimes more often than that.

What were the primary goals of this committee?

- Organize and participate in high school recruitment trips as planned by the Arizona High School/College Relations Council.
- Assist in the development of a marketing plan for the College.
- Assist in the development and design of the viewbook.
- Assist in the development and implementation of the Banner Recruitment Module.
- Send recruitment letters to county graduating high school seniors.

How many goals were accomplished?

All goals were accomplished. Following are some results of the goals.

- Goal #1. During the Fall 1998 semester, several staff/faculty participated in the high school recruitment visitation trips. New schools were added to the visitation schedule, which resulted in making nearly 3,300 contacts to potential students. This is almost triple the number of contacts made in Fall 1997.
- Goal #2 & 3. The committee provided assistance to Linda Clark in the development and design of a marketing theme and the 1999/2000 viewbook.
- Goal #4. A task force was created to develop the necessary codes and rules that are necessary to use the Banner Recruitment Module. The module has been set-up and will be in full use beginning Fall 1999.
- Goal #5. Over 1,400 letters were mailed to high school seniors within Coconino County.

How many goals were NOT accomplished? None

Any other accomplishments of this committee?

The Recruitment Committee provided assistance and guidance to the Admissions and Records department and other staff members in organizing and providing campus tours and other recruitment-type information-gathering meetings throughout the year. More than 10 campus tours were completed for elementary, junior high, and high school students. Other major recruitment-type information-gathering meetings included the NAU/CCC Senior Night and the Ponderosa Headstart Program.



How did the committee's work contribute to student success?

We provided the necessary organization and information to successfully recruit students and informed them of the many beneficial academic programs and support services offered at CCC.

What are the goals (if any) for this committee for 1999-2000? Specific goals will be established early Fall 1999.



Name of committee: Information Resources Advisory Council / Marcia Ostrowski,

What is the primary purpose of this committee? To advise the program coordinator of the IRC about issues that affect IRC at each campus.

How often did this committee meet during the 98-99 academic year?

The IRC meets twice a semester. For 98-99 a total of 4 times

What were the primary goals of this committee? Identify concerns, issues that CCC students, faculty and staff have that affect the IRC.

How many goals were accomplished? All

How many goals were NOT accomplished? None

Any Other accomplishments of this committee? NA

How did the committee's work contribute to student success?

Members made recommendations that were followed out regarding materials, training, resource sharing and workshops that directly impact students. Students/faculty/staff use the resources and services that the IRC provides.

What are the goals (if any) for this committee for 1999-2000? None at this time.



Name of the Committee: Distinguished Service Award Committee / Terree Duncan

What is the primary purpose of this committee? The committee reviews the nominations submitted and selects three individuals for consideration by the President in selecting the annual recipient.

How often did the committee meet during the 98-99 academic year? One time (all that is required.)

What are the primary goals of this committee? N/A

How many goals were accomplished? N/A

How many goals were not accomplished? N/A

Any other accomplishments of this committee? N/A

How did the committee's work contribute to student success?

Recognized the contributions of individuals who support and serve the College and our students.

What are the goals (if any) for this committee for 1999-2000? N/A



Name of Committee: Career Fair Committee / Patt Sprengeler

What is the primary purpose of this committee? To develop innovative activities and events which provide career information and opportunities for CCC students and the Flagstaff community. This may be accomplished through career fairs, workshops, classroom presentations, or employer presentations.

How often did this committee meet during the 98-99 academic year? At least once a month.

What were the primary goals of this committee? Organize career fair activity.

How many goals were accomplished? All

How many goals were not accomplished? None

Any other accomplishments of this committee? None

How did the committee's work contribute to student success? Provided networking opportunities with community business employers, provided career information to CCC students.

What are the goals (if any) for this committee for 1999-2000? None identified thus far.



Name of committee: CCC Scholarship Committee / Gerry Curd

What is the primary purpose of this committee? To promote scholarships that are available to CCC students through the College, the CCC Foundation and from outside sources. It provides an application process and selection of eligible recipients for the College and CCC Foundation scholarships. A number of outside agencies have also requested the committee's assistance in the promotion of scholarships and in selecting and recommending recipients.

How often did this committee meet during the 1998-99 academic year? Scheduled to meet monthly during the academic period of August through May. During the scholarship review and selection process in April the committee usually added two additional meeting times. Before these meetings the committee members must find time to review 60-70 scholarship applications.

What were the primary goals of this committee?

- Review scholarship applications and recommend eligible recipients.
- Increase awareness of scholarship opportunities by providing more opportunities to learn about available scholarships.
- Present workshops that provide students with essential tools and that helps develop their skills in completing the scholarship application process.
- Establish an earlier timeline for scholarship application process and awarding.
- Establish written procedures for the committee process and relations with the CCC Foundation and outside agencies.

How many goals were accomplished? Most have been achieved; some are ongoing. Workshops and information presentations will be an area that is continually being refined and redesigned to meet students' needs. At present we determine student needs from observations that the committee members make in reviewing scholarship applications and from questions students ask during the workshops. The written procedures have not been finalized and will be a continued goal for next year.

How many goals were not accomplished? As already mentioned, the written procedures will be a continued goal and a continuing process for updating. The scholarship timeline has been moved up but not completed as coordination in funding or establishing financial need based on the federal application just started being downloaded. Also funds available for the 99-00 year are still being confirmed with the CCC Foundation Board.

Any other accomplishments of this committee? Involved in the initial contact, development and finalization of a \$ 25,000 endowed scholarship for the Page Campus from the Navajo Scrubber Project. Committee worked with the Arizona Community Foundation to establish three new scholarships for \$ 1800 each per academic year which are open to all campus locations.



How did the committee's work contribute to student success? Provided students the opportunity to receive financial assistance to help meet costs encountered while pursuing their educational goals.

The presentations/workshops helped students to establish confidence in their abilities, develop skills that can be used throughout life, and provided information on how to find other available scholarships.

What are the goals (if any) for this committee for 1999-2000? The committee has not completed these but areas that will probably be part or considered are:

- Continue to expand scholarship presentations and opportunities for available scholarships as the brochure on the web.
- Complete basic procedure for the committee process and relations with other agencies including the CCC Foundation.
- Develop a data base process for tracking and sorting scholarship applications.

Name of Committee: Awards Ceremony Committee

What is the primary purpose of this committee? To coordinate an Awards Ceremony that recognizes the achievements of students, faculty and staff at CCC.

How often did this committee meet during the 98-99 academic year? Approximately 10 times.

What were the primary goals of this committee?

- To coordinate a smooth-flowing ceremony while ensuring nominated/award-winning students, faculty & staff received appropriate recognition.
- To stay within budget constraints.
- To keep with set timeline.

How many goals were accomplished? All

How many goals were NOT accomplished? None

Any other accomplishments of this committee?

- Established criteria for the Alumnus of the Year Award (this is pending approval).
- Conducted a multi-media presentation.

How did the committee's work contribute to student success?

- Provided a venue for students to be recognized for their achievements in front of family, friends, peers, faculty, & staff.
- Created a motivator for students to excel.
- Provided closure for the year.



What are the goals (if any) for this committee for 1999-2000?

• To continue to recognize students, and to look for a better way to recognize the accomplishments of students and staff.



Name of Committee: Learning Enhancement Center Advisory Council (LECAC)

What is the primary purpose of this committee?:

- To give advice to the program coordinator regarding issues and decisions facing the LEC
- To provide a forum where constituents can raise concerns and issues
- To assess internal and external support for the program
- To inform the constituents about current program business

How often did this committee meet during the 98-99 academic year? The LEC AC met four times - 9/17 and 11/19/98 and 2/19 and 4/16/99.

What were the primary goals of this committee? The primary goals for '98-'99 were to achieve the above 4 purposes on an ongoing basis.

How many goals were accomplished?

- Kept constituents informed of LEC use trends including use numbers for tours, workshops, and student contacts by activity etc.
- Kept constituents abreast of LEC staff activities including professional development and community outreach/marketing efforts.
- Addressed issues related to disabled student access to resources and services, LEC policies and procedures, and LEC revisions of the master plan for the new campus.

How many goals were NOT accomplished? None

Any other accomplishments of this committee? Several members of the Flagstaff LEC AC (Vicki Fishco, Shawn Nittmann, Nancy Elliott) helped Renee Michelena and the Page campus set up an LEC AC for Page to help (in supporting activities in) Page. Shawn Nittmann also submitted a proposal for CCC Advisory Council Guidelines to Terree Duncan, Dean for Student Services.

How did the committee's work contribute to student success? The LEC program coordinator was able to make informed decisions regarding the issues outlined in goals accomplished above.

What are the goals (if any) for this committee for 1999-2000?

- To develop an integrated system to assess LEC service effectiveness.
- To continue to achieve the 4 purposes outlined above.



Name of Committee: Disability Resources Advisory Council

What is the primary purpose of this committee? The main purpose of this advisory council is to provide a forum, comprised of students, faculty, staff and community members who provide feedback and suggestions on issues related to CCC Disability Resources. This feedback is used to improve Disability Resources, and as a result, benefit students.

How often did this committee meet during the 98-99 academic year? We met three times: 10/8/98, 3/16/99, and 4/8/99(meetings are one hour in length).

What were the primary goals of this committee?

- To obtain student, instructor and community perspective of DR services. Suggestions were brought back to DR and acted on accordingly.
- Brainstormed on how to improve instructor and staff training.
- Lonetree CCC campus accessibility issues reviewed.

How many goals were accomplished? Three

How many goals were NOT accomplished? N/A

Any other accomplishments of this committee? A benefit from having this advisory council is members become advocates for DR. For example, one council member, who has a background in Affirmative Action and the ADA, volunteered to provide sensitivity training to faculty and staff next Spring.

How did the committee's work contribute to student success?

- Students benefit when new ideas are implemented at DR.
- Increased awareness and sensitivity of DR issues throughout CCC.
- Information obtained by council members is brought back to departments.



Name of Committee: Student Appeals

What is the primary purpose of this committee? To hear disciplinary hearings referred to the committee by the Dean for Student Services.

How often did this committee meet during this academic year? Didn't need to meet

What were the primary goals of this committee? N/A

How many of the goals were accomplished? N/A

How many of the goals were NOT accomplished? N/A

Any other accomplishments of this committee? N/A

How did the committee's work contribute to student success? N/A

What are the goals (if any) for this committee for 1999-2000? N/A



Name of Committee: Commencement Committee

What is the primary purpose of this committee? To plan and implement the annual commencement and related activities.

How often did this committee meet during this academic year? Five times. Various groups met, depending on the task (set up, food, grad information).

What were the primary goals of this committee? To make commencement memorable for CCC graduating students.

How many of the goals were accomplished? N/A

How many of the goals were NOT accomplished? N/A

Any other accomplishments of this committee? N/A

How did the committee's work contribute to student success? Held commencement to reward CCC graduating students

What are the goals (if any) for this committee for 1999-2000? Locate a bigger and better facility.



Name of Committee: NAU/CCC Coordinating Council

What is the primary purpose of this committee?

How often did this committee meet during this academic year?

What were the primary goals of this committee?

How many of the goals were accomplished?

How many of the goals were NOT accomplished?

Any other accomplishments of this committee?

How did the committee's work contribute to student success?

What are the goals (if any) for this committee for 1999-2000?



Name of Committee: Principal' Committee for Institutional Effectiveness (PIE)

What is the primary purpose of this committee? Oversee of assessment at CCC

How often did this committee meet during the 98-99 academic year? Every other week

What were the primary goals of this committee? Procedures for assessment must be implemented college-wide, with each department participating in the effort.

How many goals were accomplished? The main goal of implementing assessment collegewide is currently being addressed. Every department in the college has written a purpose statement that ties to the College mission statement. The membership of PIE has been evaluated and has changed to include more representation from the entire college. The PIE committee sponsored 4 people to attend the ACT conference on assessment in May, 1999. The 4 people represented four areas of the College: faculty, Dean of Page Campus, student services, and human resources?

Many intent to survey requests have come to the committee and have been addressed. The committee members considered each request carefully and recommended what was best for the students.

The committee researched the status of past pilot projects. Some projects have been completed, while others have been retired. (See section below for status of projects.)

How many goals were NOT accomplished?

Assessment of Student Success has not been addressed to the fullest this past year. There have been no new pilot projects proposed and several past pilot projects have never been completed.

Any other accomplishments of this committee?

This past year has seen the committee struggling to accomplish its goals. There has been a turnover of members and a new co-chair. There was frustration from the veteran members that some work done in the past was being redone such as defining the purpose of PIE. By the end of the Fall semester, the committee was back on track and the new members and co-chair were informed.

How did the committee's work contribute to student success?

The committee's purpose is to oversee the measurement of whether or not the College is attaining its mission. Therefore, the committee's work contributes to student success by encouraging assessment activities.

What are the goals (if any) for this committee for 1999-2000?

Now that each department has a purpose statement, the next step is for each department to write measurable goals that are tied to the purpose statement and to the strategic plan for the College.



Then the departments will collect data to see if these goals are attained. This information should then be used for improvement and reevaluation of the departments purpose statement and goals. PIE will provide workshops to help the departments with writing their goals. Assessment of Student Success must be expanded during the 1999-2000 year. PIE will continue to encourage assessment activities and evaluate new pilot projects.

PIE will continue to sponsor individuals to attend conferences that discuss assessment.





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